



CATALOG W28

MARCH 1, 1969

DIAMOND TOOL and *Horseshoe Co.*

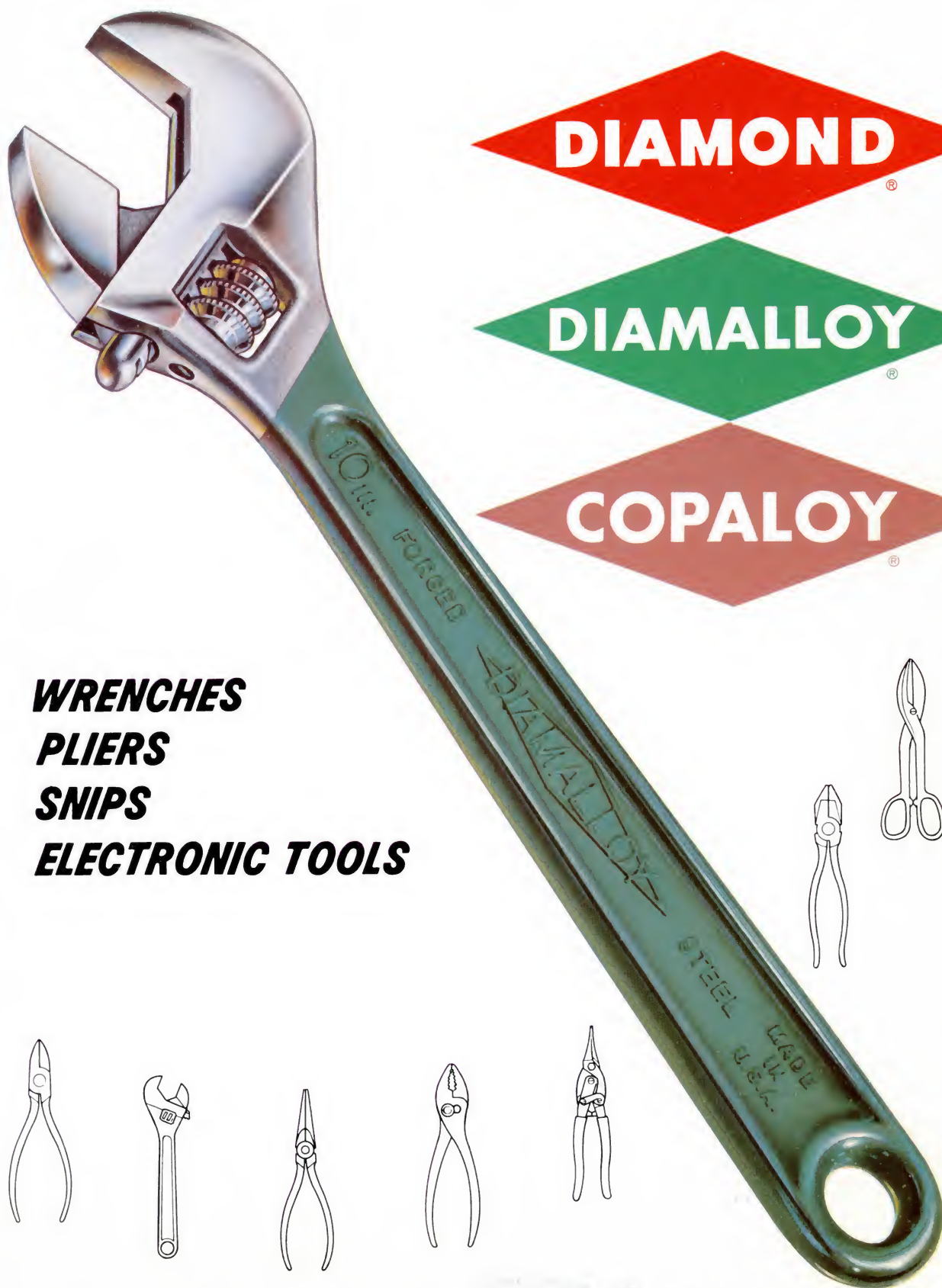
DULUTH, MINNESOTA



TORONTO, ONTARIO



EST. 1908



WRENCHES
PLIERS
SNIPS
ELECTRONIC TOOLS



DIAMALLOY[®]

***NEW HOLSTER HANGERS
PUT DIAMALLOY TOOLS WHERE
THEY ARE SEEN, HANDLED AND SOLD***



Diamalloy tools sell better when displayed in these new Holster Hangers. All the beauty, the careful hand finishing and lustrous chrome plating are easily seen, handled and appreciated. All popular tool styles are now available in these special Holster Hangers, packed five tools per carton. Specify with letter H after tool stock number, otherwise tools will be furnished in individual boxes.

"There is nothing finer than a DIAMOND"

DIAMOND TOOL and *Horseshoe Co.*⁹⁰

DULUTH, MINNESOTA • TORONTO, ONTARIO



EST. 1908



Stocked by Leading Distributors



QUALITY STEEL FORGINGS SINCE 1908...

In the year 1908, the Diamond Tool and Horseshoe Company started manufacturing a patented Drive Calk for horses which could be quickly inserted or removed and would not twist or turn in the shoe or drop out when in use. It was a great success and revolutionized the horseshoe industry. Later, drop forged horseshoes of all types were added to the line and are still being made in our factories in Duluth, Minnesota and Toronto, Canada.

With the advent of the tractor and the automobile, it became evident that the use of horses for work and transportation would decrease. Our long experience and knowledge of forging was then applied to the manufacture of adjustable wrenches from tool steel. A few years later the addition of Diamalloy Adjustable Wrenches from special high tensile strength alloy steel was made. Diamalloy wrenches and pliers are heat treated by the most modern methods which include induction hardening of all cutting edges on snips and cutting pliers.

With the demand for wrenches and pliers increasing steadily during the past twenty years, Diamond Tool and Horseshoe Company has become one of the largest manufacturers of wrenches and pliers in the world. The addition of many kinds of pliers, tin snips, nippers, and other tools has broadened the line to include the quality tools shown in this catalog. Other drop forgings manufactured include pitching horseshoes, railroad picks, pick mattocks, and crowbars.

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DIAMALLOY® ADJUSTABLE WRENCHES

DIAMALLOY CHROME PLATED WRENCHES

Diamalloy Adjustable Wrenches are made of alloy steel of remarkable strength. Diamalloy Wrenches are Rockwell Diamond tested for hardness and tested for strength on a special tensile strength testing machine. Exceeds all Federal specifications for strength.

Furnished nickel chrome plated with side of head buffed to a high, beautiful lustre. Handle has soft, velvety finish — pleasing to hold — not slippery. Packed in attractive individual cartons.

4" through 12" also available in Holster Hangers if specified with letter H after stock number.



D715, D718, D724 have tapered handles

NICKEL CHROMIUM PLATED NUMBER	WITH CRYSTAL GRIPS NUMBER	SIZE, INCHES	SIZE, MM.	CAPACITY, INCHES	THICKEST PART OF HEAD, INCHES	TIP OF JAW, INCHES	WEIGHT PER TOOL
D74	D74P	4	100	1/2	5/16	1/8	2 oz.
D76	D76P	6	150	3/4	13/32	7/32	4 oz.
D78	D78P	8	200	1 1/8	15/32	1/4	8 oz.
D710	D710P	10	250	1 1/2	3/4	3/8	14 oz.
D712	D712P	12	300	1 3/4	7/8	1/2	1 lb. 7 oz.
D715		15	375	2 1/8	1 1/8	5/8	3 lb. 3 oz.
D718		18	450	2 3/4	1 3/4	3/4	5 lb. 13 oz.
D724		24	600	3 1/2	2 1/4	1 1/2	9 lb. 3 oz.

CRYSTAL GRIP HANDLES ON DIAMALLOY WRENCHES

Chrome plated Diamalloy Wrenches with handles bonded with transparent green vinyl for a comfortable, cushioned grip. Vinyl is easy to clean, grease resistant, non-slip, non-sparking and will not crack or chip. Packed in individual cartons. See inside back cover for special Crystal Grip display assortment.



D78P with Crystal Grip handles



S8

New! WIDER OPENING SPECIAL WRENCHES

Diamalloy Special Wrenches have wider openings for valves and other fittings in sizes preferred by refrigeration mechanics and for other special uses. Wider openings give more versatility in home and shop work. All have highly polished chrome finish with Crystal Grip transparent green vinyl handles.

NUMBER	SIZE, INCHES	SIZE, MM.	CAPACITY, INCHES	WEIGHT PER TOOL
S6	6	150	1 1/8	4 oz.
S8	8	200	1 1/2	8 oz.
S10	10	250	1 3/4	14 oz.
S12	12	300	2 1/4	1 lb. 7 oz.
RS1	6 3/4			6 oz.



RS1

DIAMALLOY REFRIGERATION RATCHET

Reversible ratchet wrench is especially adapted for refrigeration work with female 1/4" square drive (20-tooth action) and handle openings of 3/16", 1/4", and 5/16" and a 6-point opening for 1/2" hexagon nuts and bolts. Chrome plated.

DIAMALLOY® and DIAMOND® WRENCHES



DIAMALLOY DOUBLE END WRENCHES

Very convenient where light weight and small space are important. The same quality as Diamalloy single end wrenches, and parts are interchangeable with single end. Nickel chrome plated with sides of head buffed.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
DB76	4-6	1/2 - 3/4	4 oz.
DB78	6-8	3/4 - 1 1/8	8 oz.
DB710	8-10	1 1/8 - 1 1/2	16 oz.
DB712	10-12	1 1/2 - 1 3/4	27 oz.



DIAMOND (BLACK) ALLOY STEEL ADJUSTABLE WRENCHES

Diamond Wrenches are forged of special quality alloy steel, subjected to the most modern scientific process of heat treating. New design and heat treating methods have made it possible to slenderize Diamond Wrenches without sacrificing strength. Black parkerized finish. Packed six in a box.

NUMBER	SIZE, INCHES	SIZE, MM.	CAPACITY, INCHES	WEIGHT PER TOOL
A24	4	100	1/2	2 oz.
A26	6	150	3/4	4 oz.
A28	8	200	1 1/8	8 oz.
A210	10	250	1 1/2	14 oz.
A212	12	300	1 3/4	1 lb. 7 oz.
A215	15	375	2 1/8	3 lb. 3 oz.
A218	18	450	2 3/4	5 lb. 13 oz.

See page 20 for adjustable wrench parts.



DIAMOND MONKEY WRENCHES

These are ideal tools for the railroad, aviation and plumbing industries. Both handle and movable jaw are drop forged from high quality tool steel. Handle is unbreakable, with convenient and durable hammer head. Proved valuable not only to specialized industrial use, but for auto and general utility work. Exceeds government specifications. Nickel chromium plated.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
CC712	12	3	2 lb.

REPAIR PARTS
Size inches 12 Jaw CC712J Knurl CC712K Pin CC712P



DIAMOND AUTO WRENCHES

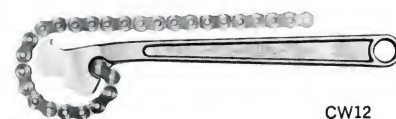
A handy adjustable wrench with sliding jaw that can apply non-slipping pressure to small or large nuts. Drop forged of Diamond special analysis tool steel. Precision machined and nickel chromium plated. Exceeds government specifications.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
C79	9	2 3/4	15 oz.
C711	11	3	1 lb. 8 oz.
C715	15	3 3/8	3 lb. 3 oz.
C718	18	4 3/8	6 lb. 2 oz.

REPAIR PARTS
Size inches 9 Jaw C79J Knurl C79K Pin C79P
11 C711J 11K C711P
15 C715J 15K C715P
18 C718J 18K C718P



CW12A



CW12



CW15, CW24

DIAMALLOY CHAIN WRENCHES

An excellent tool for pipe fittings. Chain wrenches can be used in many instances where an ordinary pipe wrench will not fit. Strong handles have I-beam construction similar to Diamalloy Adjustable Wrenches. Fully chromium plated to resist rust. CW12A (single action) works fine in removing automobile oil filters. All double action models work in both directions: CW12 has 16-inch chain; CW15 has 19-inch chain; CW24 has 23-inch chain.



CONCAVE-CUT TEETH
GRIP BETTER

Concave teeth may be resharpened if required.
U. S. Pat. No. 3304817

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
CW12A	12	4	1 lb. 8 oz.
CW12	12	4	1 lb. 12 oz.
CW15	15	5	2 lb. 8 oz.
CW24	24	6	3 lb. 3 oz.

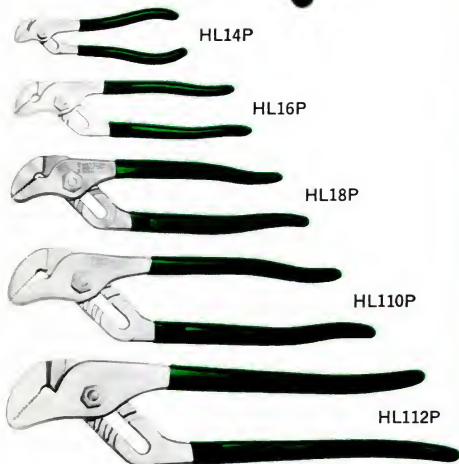
REPAIR PARTS
Chain for 12" wrench CW12C
Chain for 15" wrench CW15C
Chain for 24" wrench CW24C



DIAMALLOY® PLIERS

DIAMALLOY GROOVE-JOINT® PLIERS

HL116P, HL120P



These are the handiest tools for fittings, conduit and pipe and general utility service — working in places impossible to reach with a wrench. The HL14 is used for ignition work. The jaws are positively locked in position by the rib and groove-joint design, and cannot slip under any pressure. Teeth are designed to give maximum grip on any object. All are forged from Diamalloy special analysis tool steel, beautifully nickel chrome plated, with oil-proof plastic dipped and bonded handles if desired.

The HL112 Groove-Joint plier has six grooves and opens wide for use by plumbers on unions and fixtures. If smooth jaws are desired, order by specifying the letter S.

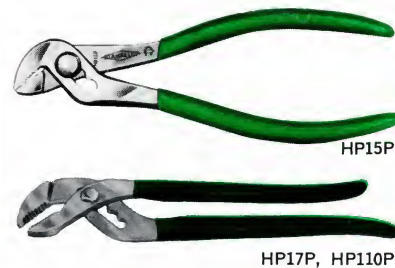
The HL120 plier is the largest size of this type of plier and has terrific gripping power for extra heavy work. Handles are designed so a small grip will easily hold any size opening up to the maximum 4 1/4 inches. Two hands are not needed for holding.

The HL116 and HL120 pliers have eleven grooves so that all size objects are easily and securely held.

P after stock number indicates plastic handles; S indicates smooth jaws.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
HL14	4	0-1/2	2 oz.
HL14P	4	0-1/2	2 oz.
HL16	6	0-1	5 oz.
HL16P	6	0-1	5 oz.
HL18	8	0-1 1/4	8 oz.
HL18P	8	0-1 1/4	9 oz.
HL110	10	0-1 3/8	12 oz.
HL110P	10	0-1 3/8	13 oz.
HL112	12	0-2 1/8	1 lb. 7 oz.
HL112P	12	0-2 1/8	1 lb. 8 oz.
HL112S	12	0-2 1/8	1 lb. 7 oz.
HL112SP	12	0-2 1/8	1 lb. 8 oz.
HL116	16	0-4 1/4	2 lb. 7 oz.
HL116P	16	0-4 1/4	2 lb. 9 oz.
HL120	20	0-5 1/2	3 lb. 11 oz.
HL120P	20	0-5 1/2	3 lb. 13 oz.

4" through 12" also available in Holster Hangers if specified with letter H after stock number.



DIAMALLOY PUMP AND UTILITY PLIERS

Forged from our own special Diamalloy steel and carefully heat treated for strength. Can be used for all plier purposes and light pipe wrench work. Have slip-joint adjustments, heavy teeth.

HP15 and HP15P are small, five-inch ignition pliers, also handy for general household work. HP15P is also available in six-pack counter display. All have polished nickel chrome finish except HP210 and HP210P, which are satin nickel chrome. Specify suffix P when plastic handles are desired.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
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POLISHED NICKEL CHROMIUM

HP15	5	0-1/2	2 oz.
HP15P	5	0-1/2	2 oz.
HP15PC six-pack counter display	5	0-1/2	
HP17	7	0-1	6 oz.
HP17P	7	0-1	6 oz.
HP110	10	0-1 3/4	11 oz.
HP110P	10	0-1 3/4	11 oz.

SATIN NICKEL CHROMIUM

HP210	10	0-1 3/4	11 oz.
HP210P	10	0-1 3/4	11 oz.

PUMP PLIER AND GROOVE-JOINT BOLT AND NUT REPLACEMENT PARTS

5" Pump Plier Bolt and Nut	15BN
7" Pump Plier Bolt and Nut	17BN
10" Pump Plier Bolt and Nut	110BN
4" Groove-Joint Bolt and Nut	14GBN
6" Groove-Joint Bolt and Nut	16GBN
8" Groove-Joint Bolt and Nut	18GBN
10" Groove-Joint Bolt and Nut	110GBN
12" Groove-Joint Bolt and Nut	112GBN
16" Groove-Joint Bolt and Nut	116GBN
20" Groove-Joint Bolt and Nut	120GBN

DIAMOND® and DIAMALLOY® PLIERS



H16, H18, H110

DIAMALLOY SLIP-JOINT WIRE CUTTING PLIERS

The H16, H18 and H110 pliers are drop forged of finest Diamalloy steel. Slip-joint style, with special slot wire cutting feature placed ahead of the recessed bolt to obtain greatest possible leverage. Cutting edge is induction heat treated. Strictly a heavy duty plier with recessed bolt. Carefully machined, hardened jaw teeth. Nickel chromium plating and buffing gives extra fine finish. Knurled handles.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
H16	6	1	8 oz.
H18	8	1¼	9 oz.
H110	10	1½	15 oz.



P17



PH18

DIAMOND SLIP-JOINT SIDE CUTTING PLIERS

A slenderized plier with side cutters added. A strong, sturdy tool with keen, hardened cutting edges that cut easily. The PH18 plier has a slender nose with side cutting feature. Knurled handles. Recessed bolt. Polished nickel chrome plating or satin nickel chrome plating.

NUMBER	NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
P17	P27	7	1	8 oz.
PH18	—	7½	1¼	9 oz.



N15, N16, N18, N110

DIAMOND THIN STRAIGHT NOSE PLIERS

An especially good tool for reaching and gripping objects hard to get at with ordinary pliers. Teeth are exceptionally sharp and strong. Slip joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel, carefully hardened. Polished nickel chrome plating or satin nickel chrome plating.

NUMBER	NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
N15	N25	5	¾	4 oz.
N16	N26	6	1	7 oz.
N18	N28	8	1¼	10 oz.
N110	N210	10	1½	17 oz.

Also available in Holster Hangers if specified with letter H after stock number.



M16

DIAMOND THIN BENT NOSE PLIERS

Nose is bent at 30-degree angle for special work. Teeth are exceptionally sharp and strong. Slip-joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel, carefully hardened. Polished nickel chrome plating or satin nickel chrome plating.

NUMBER	NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
M16	M26	6	1	8 oz.

Also available in Holster Hangers if specified with letter H after stock number.



K15

DIAMOND SLIP-JOINT PLIERS

A slip-joint plier with wire cutter made from special steel, drop forged, machined and hardened by special methods to meet the most exacting standards. Knurled handles. Polished nickel chrome plating or satin nickel chrome plating.

NUMBER	NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
K15	K25	5	¾	4 oz.
K16	K26	6	1	8 oz.
K18	K28	8	1¼	9 oz.
K110	K210	10	1½	15 oz.

Also available in Holster Hangers if specified with letter H after stock number.

K35, K36, K38, K310
Bulk Package



DIAMOND SLIP-JOINT PLIERS

A quality tool, slip-joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel. Nickel chrome plating with satin finish. Five and six-inch pliers are furnished in cartons of one dozen. Eight-inch pliers are packed six to a box. Ten-inch pliers are packed in individual cartons.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	NUMBER IN BOX	WEIGHT PER TOOL
K35	5	¾	12	4 oz.
K36	6	1	12	7 oz.
K38	8	1¼	6	9 oz.
K310	10	1½	1	16 oz.

COMBINATION PLIER REPAIR PARTS

5" Plier Bolts and Nuts	45BN
6" Plier Bolts and Nuts	46BN
8" Plier Bolts and Nuts	48BN
10" Plier Bolts and Nuts	410BN

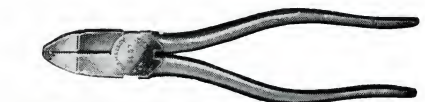
See page 16 for plier and wrench parts assortments in cabinets.



DIAMALLOY® PLIERS



SL56, SL58



SL56NE, SL57, SL58NE



SL59NE

DIAMALLOY LINEMEN'S SIDE CUTTING PLIERS

Especially designed for linemen and others whose requirements are unusually strenuous and exacting. Drop forged from tough Diamalloy steel, with electronically hardened cutting edges and jaws increased in strength and toughness. Gun metal handles with polished head; available with plastic dipped handles if desired.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SL56	6	7 oz.
SL56NE	6	7 oz.
SL57	7	10 oz.
SL58	8	15 oz.
SL58NE	8	15 oz.
SL59NE	9	1 lb. 1 oz.

SL56, SL57 and SL58 also available in Holster Hangers if specified with letter H after stock number.



ISL56

Diamalloy linemen's side cutting pliers are available with bright red plastic insulated handles with non-slip knurled grip. Dielectric data furnished on request to responsible personnel.

ISL56	6	9 oz.
ISL57	7	11 oz.
ISL58	8	1 lb. 1 oz.
ISL59NE	9	1 lb. 3 oz.



DN58P

DIAMALLOY EXTRA LONG NOSE DUCK BILL PLIERS

Extra long, flat jaws give strength and utility in tight places, and an unusually firm grip. Drop forged of finely tempered Diamalloy steel which stands heavy pressure. Ends of jaws are diamond scored.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN58	8	3	7 oz.



DN56P

DIAMALLOY SHORT NOSE DUCK BILL PLIERS

A flat nose plier with exceptional gripping ability. Drop forged of finely tempered Diamalloy steel. Jaws of DN56 are diamond scored, but can be furnished with plain jaws on special order. See page 13 for Copaloy four-inch duck bill plier.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN56	6	2	5 oz.



NN58P

DIAMALLOY LONG-REACH NEEDLE NOSE PLIERS

This plier is similar to DB58 (below) except jaws have a fine needle point. Excellent for wiring, forming loops, terminals. Ideal for radio and television repair and assembly line work. Jaws are diamond scored.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN58	8	1 3/8	6 oz.



DB58P

DIAMALLOY LONG-REACH, SHORT-NOSE DUCK BILL PLIERS

An ideal plier for aircraft and automotive work. Very useful in repair of typewriters and office machines. Fine for wiring and assembly line work.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DB58	8	1 3/8	6 oz.

PLASTIC HANDLES

All Diamalloy pliers shown on pages 8, 9, 10 and 11 are available with dipped and bonded green plastic cushion grip handles. The letter P behind stock number indicates plastic handles, for ordering and identification purposes, but all tools with plastic handles do not have the letter P stamped on the tool. If without plastic handles, tools have gun metal finish.

Springs are not available in pliers shown on this page.

DIAMALLOY® PLIERS



S54P, S55P, S56P



S56sP



S57P

DIAMALLOY DIAGONAL CUTTING PLIERS

Forged of tough Diamalloy steel, with electronically hardened cutting edges. Handles are shaped to fit the hand comfortably and give good balance. Polished head with gun metal handles or dipped and bonded plastic handles. Packed one in a box or in holster hangers for display. See pages 12, 13 and 14 for Copaloy four-inch and five-inch cutting pliers for electronics use. S56s is similar to S56, but has a shorter cutter, giving it more cutting power at the end of the nose.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
S54	4	3 oz.
S55	5	4 oz.
S56	6	6 oz.
S56s	6	5 oz.
S57	7	7 oz.

5" and 6" also available in Holster Hangers if specified with letter H after stock number.

COIL SPRING IN HANDLES

When available, a coil spring in handles is indicated by the letter R after stock number. All tools with coil springs do not have the letter R stamped on the tool.



S54RGP, S55RGP, S56RGP, S57RGP

DIAMALLOY NARROW NOSE FLUSH CUT DIAGONAL PLIERS

These pliers are made from the regular S54, S55, S56 and S57 pliers, with the jaw ground flush and the nose tapered. The small sizes are used in cutting fine wire in confined areas and close to the surface of printed circuit electrical panels. All of these pliers are ideal for gates and the sprue of injection molded plastic items. See pages 11, 12, 13 and 14 for other flush cutting pliers.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
S54RGP	4	3 oz.
S54-5RP straight sides	4	3 oz.
S55RGP	5	4 oz.
S55-5RP straight sides	5	4 oz.
S56RGP	6	5 oz.
S57RGP	7	7 oz.



SC56P

DIAMALLOY ELECTRONIC CUTTING PLIER

Has a 1/4" cutter on one side of the jaw with an anvil on the other jaw. Jaw tips are not scored.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SC56	6	6 oz.



SS57P



SS57FP



SS57SFP



SS58P

DIAMALLOY HEAVY DUTY DIAGONAL CUTTING PLIERS

An extra sturdy cutting tool of unusual strength. Drop forged of tough Diamalloy tool steel, with strong and sharp, electronically hardened cutting edges. Handles and jaws are extremely increased in strength and toughness. Will give long service on heavy duty jobs. Polished heads with gun metal handles or dipped plastic handles.

The SS57F and SS58F are modified from the SS57 and SS58. The face is ground flush and handles are bent. Primary use for the SS57F and SS58F is cutting aluminum or other soft aircraft rivets or plastic parts. The flush ground pliers are not for cutting steel or hard items because of the sharp flush cutting edges.

The SS57SF is a short-nose, semi-flush cut diagonal with cutter 1/2" long.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SS57	7	8 oz.
SS57F flush ground	7	8 oz.
SS57SF short-nose semi-flush	7	8 oz.
SS58	8	9 oz.
SS58F flush ground	8	9 oz.

SS57 also available in Holster Hangers if specified with letter H after stock number.



DIAMALLOY® PLIERS

SN56P, SN57P

LONG NOSE SIDE CUT PLIERS

Drop forged of tough Diamalloy tool steel, with cutting edges electronically hardened and handles and jaws increased in strength and toughness. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. SN56R plier has fine tips, 5/64" x 3/64", for electrical work. For fine scoring on SN56R plier, specify SN56R-FS. See pages 12, 13, 14 for Copaloy long-nose pliers.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SN56	6	6 oz.
SN57	7	7 oz.

Also available in Holster Hangers if specified with letter H after stock number.



SBN56

DIAMALLOY BEAD PLIERS

Tip is specially ground for bending fine bead wire in hobby and jewelry work. Chrome plated, jaws fine scored.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SBN56	6	6 oz.



ST55RP

DIAMALLOY WIRE STRIPPING PLIER

Has three holes accurately drilled and counterbored on both sides for stripping 18, 20 and 22-gauge wire. Furnished with plastic handles and springs.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
ST55RP	5	4 oz.



LN56P, LN57P

DIAMALLOY LONG NOSE PLIERS

Same as pliers at left, but without side cutter. Especially made for radio and telephone workers. Forged of Diamalloy steel. Unusual strength and gripping ability. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. LN57-1 same as LN57 but with fine scoring and pilot pin. See pages 12, 13 and 14 for Copaloy four-inch and five-inch pliers.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
LN56	6	6 oz.
LN57	7	7 oz.
LN57-1 fine scoring and pilot pin	7	7 oz.

Also available in Holster Hangers if specified with letter H after stock number.



NN56P, NN57P

DIAMALLOY NEEDLE NOSE PLIERS

Slender jaws have unusually strong gripping ability. Forged of Diamalloy steel, individually inspected and tested. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. For fine scoring specify NN56-FS. Tip dimensions are 3/64" x 5/64". See page 13 for Copaloy four-inch and five-inch needle nose pliers.

Indicate letter P for plastic handles and R for coil spring when ordering. Spring not available on 7-inch size.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
NN56	6	5 oz.
NN57	7	6 oz.

Also available in Holster Hangers if specified with letter H after stock number.



CN56P

DIAMALLOY CURVED NEEDLE NOSE PLIERS

Bent to a 90° angle for hard-to-get-at places, as in electronic assembly and repair. Takes the place of a variety of special tools for different jobs. Special analysis Diamalloy tool steel, heat treated by latest methods to give great strength and durability. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. See pages 12, 13 and 14 for Copaloy four-inch and five-inch pliers.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
CN56	6	6 oz.



LC56P

DIAMALLOY LONG NOSE SPECIAL WIRE CUTTER

LC56 cutting plier has very fine cutter on the end of nose for reaching into confined areas and cutting very small wires. Not intended for heavy work. Forged of Diamalloy tool steel. Polished head with gun metal handles or plastic dipped handles. Also available with cutter on an angle instead of on flat side (Specify LC56-1 for angle cut). See page 14 for Copaloy five-inch end cutters.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
LC56	6	6 oz.
LC56-1 angle cut	6	6 oz.

DIAMALLOY® PLASTIC CUTTING PLIERS



The extremely sharp, flush ground cutting edges on these tools are not intended for cutting metal. All of these pliers and nippers are ideal for use in cutting gates and sprue of injection molded plastic items. Springs between the handles are available on all of these tools except SS57F, G56F, G57F and G58F. Bonded plastic dipped handles are on all tools.



MS56RP, MS57RP

DIAMALLOY HEAVY DUTY PLASTIC CUTTER

Has flush ground flat back for close cutting. Both sizes have coil springs and plastic cushion grip handles. Not intended for cutting metal. M56CRP and M57CRP have heavy duty carbide steel blades.

NUMBER	SIZE, INCHES	BLADE LENGTH, INCHES	WEIGHT PER TOOL
M56RP	6	1 ³ / ₁₆	6 oz.
M56CRP	6	1 ³ / ₁₆	6 oz.
M57RP	7	1 ¹ / ₁₆	7 oz.
M57CRP	7	1 ¹ / ₁₆	7 oz.

EC54FRP



COPALOY FLUSH END TRANSVERSE CUT PLIERS

Miniature transverse end cutter, finished at tip for flush cutting.

Furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
EC54F	4	1	2 oz.

GA54, GA54-4



COPALOY MINIATURE FLUSH TRIM ANGLE NIPPER

Jaws are angled at 29° with cutting edges flush ground. GA54-4 has heavy duty carbide steel cutting blades.

Furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54	4	3 ⁷ / ₈	2 oz.
GA54-4 carbide blades	4	3 ⁷ / ₈	2 oz.

SS57FP

DIAMALLOY FLUSH CUTTING PLIERS WITH OFFSET HANDLE

This is a modified SS57 plier with the face flush ground and handles bent to permit easy flush cutting of soft rivets or plastic. Polished head with plastic dipped handles.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SS57FP	7	1	8 oz.



G56F, G57F

DIAMALLOY FLUSH CUT END NIPPER

Designed with wide throat clearance, ample handle leverage and jaws at just the right angle for easiest cutting. Electronically hardened cutting edges. Handles and jaws extremely increased in strength and toughness.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
G56F	6	1 ¹ / ₁₆	8 oz.
G57F	7	1 ³ / ₁₆	11 oz.



S54RGP, MS54G, S55RGP, S56RGP, S57RGP



DIAMALLOY FLUSH GROUND DIAGONAL CUTTING PLIERS

All have jaws flush ground, with nose tapered. Ideal for working in confined areas. Polished heads with plastic cushion grip handles and springs.

MS54 Copaloy is furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
S54RGP	4	5 ¹ / ₈	3 oz.
MS54G	4	1 ¹ / ₂	2 oz.
S55RGP	5	3 ³ / ₄	4 oz.
S56RGP	6	1 ³ / ₁₆	6 oz.
S57RGP	7	1	7 oz.



COPALOY

ELECTRONIC PLIERS

All Copaloy pliers are furnished with coil spring and plastic handles without specifying R and P in stock numbers. Copaloy pliers are furnished without spring and plastic handles on special request only.



U. S. Patent
No. 3404457

SMOOTHER ACTION... LONGER WEAR IN PERFECT ALIGNMENT

The copper-color specially hardened alloy rivet distinguishes the Copaloy line of miniature electronic pliers. Like a precision bearing, Copaloy eliminates steel-against-steel friction in a permanent, corrosion-proof joint that will wear longer and smoother . . . and maintain perfect alignment of tips and cutting edges. Each plier is drop forged of special analysis steel for extreme toughness and rigidity. Cutting edges are electronically hardened. Machining is to close tolerances, with individual finishing and testing for exact fit of jaws. All have polished head with gun metal handles. Packed six in a box. All Copaloy pliers are furnished with coil spring and plastic handles without specifying R and P in stock number.

DIAGONAL CUTTING PLIER

Pictured at left, general purpose diagonal cutter with 1/2" cutting blade. MS54-7 is flush ground.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54	4	1/2	2 oz.
MS54-7	4	1/2	2 oz.

MS54G

TAPERED DIAGONAL CUTTER

Diagonal cutter with flush ground edges, tapered point and narrow tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54G	4	1/2	2 oz.

MS54-1

SNUB NOSE DIAGONAL

Snub nose diagonal cutter with tips that narrow to 3/32".

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-1	4	3/32	2 oz.

MS54-2

CARBIDE BLADE SHEAR

Heavy duty carbide blade shear, ideal for cutting transistor leads.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-2	4	1/4	2 oz.

MS54-3

THIN DIAGONAL CUTTER

Diagonal cutter ground down on back side for reaching into confined places.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-3	4	1/2	2 oz.

MS54-4

CARBIDE DIAGONAL CUTTER

Flush diagonal cutter with heavy duty carbide steel blades.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-4	4	11/32	2 oz.

MS54-5

FLUSH CUTTING DIAGONAL

Diagonal cutter with straight sides and flush ground.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-5	4	1/2	2 oz.

MS54-6

SHORT NOSE DIAGONAL

Flush cutting diagonal with short nose for very high leverage.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-6	4	1/4	2 oz.

DIAMOND TOOL and Horseshoe Co.

WITH THE COPPER ALLOY BEARING

All Copaloy pliers are furnished with coil spring and plastic handles as standard.

GA54

ANGLED FLUSH CUTTER

Cutting blade is flush ground and angled at 29°. GA54-4 is same with heavy duty carbide steel blades.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54	4	3/8	2 oz.
GA54-4	4	3/8	2 oz.

GA54-2

ROUNDED FLUSH CUTTER

Similar to GA54, but with cutting edge round on back.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54-2	4	3/8	2 oz.

CN54

CN55

CURVED NEEDLE NOSE PLIERS

For reaching into confined places. Same as LN54 and LN55 with noses bent 90° on CN54 and 45° on CN55. CN55 has pilot pin in nose.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
CN54	4	3/4	2 oz.
CN55	5	7/8	3 oz.

DN54

DUCK BILL PLIERS

Flat nose duck bill pliers with smooth jaws. Scored jaws are available on special order.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN54	4	1 3/8	2 oz.

EC54, EC54F

TRANSVERSE END CUTTER

Ideal for cutting close on printed circuit work. EC54F is flush ground on cutting edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
EC54	4	1	2 oz.
EC54F	4	1	2 oz.

L4

SUBMINIATURE LONG NOSE PLIERS

Very fine point for delicate work in very confined areas. L4 has scored jaws; L4-1 has smooth jaws, rounded edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
L4	4	3/4	2 oz.
L4-1	4	3/4	2 oz.

NN54-2

FINE NEEDLE NOSE PLIERS

Same as NN54, but with point finished to 1/32".

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN54-2	4	1 3/8	2 oz.

DIAMOND

NN54, NN54-1

NEEDLE NOSE PLIERS

NN54 and NN55 have scoring on jaws. NN55 has pilot pin to insure perfect jaw alignment. NN54-1 and NN55-1 have smooth jaws with slightly rounded edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN54	4	1 3/8	2 oz.
NN54-1	4	1 3/8	2 oz.
NN55	5	1 7/8	3 oz.
NN55-1	5	1 7/8	3 oz.

LN54, LN54-1, LN54-2

LONG NOSE PLIERS

LN54 and LN55 have finely serrated jaws. LN54-1 and LN55-1 have smooth jaws with slightly rounded edges—approximately .050 radius. LN54-2 is finished to a very fine point. Both LN55 and LN55-1 have a pilot pin in jaws to insure perfect alignment.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LN54	4	1 3/8	2 oz.
LN54-1	4	1 3/8	2 oz.
LN54-2	4	1 3/8	2 oz.
LN55	5	1 15/16	3 oz.
LN55-1	5	1 15/16	3 oz.

SN54, SN55

LONG NOSE SIDE CUTTER

Similar to long nose pliers above with 7/32" cutter near joint.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SN54	4	1 3/8	2 oz.
SN55	5	1 15/16	3 oz.



MORE COPALOV® ELECTRONIC PLIERS

SN54-2

LONG NOSE SIDE CUTTER WITH RADIUS EDGES

Same as SN54, but with radius edges beginning $\frac{1}{4}$ " from tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SN54-2	4	1 $\frac{3}{8}$	2 oz.

SC54

LONG NOSE TIP CUTTER

Has $\frac{3}{16}$ " cutter $\frac{1}{8}$ " from tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SC54	4	1 $\frac{3}{8}$	2 oz.

LC55

LONG NOSE END CUTTER

Has very fine $\frac{1}{4}$ " cutter at nose end for reaching into confined places.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55	5	1 $\frac{3}{8}$	3 oz.

RN54

ROUND NOSE PLIER

Jaws are round and smooth for forming loops in wire. Useful in hobby work and in repair and making of jewelry.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
RN54	4	$\frac{7}{8}$	2 oz.

All Copalov pliers are furnished with coil spring and plastic handles without specifying R and P in stock numbers. Copalov pliers are furnished without spring and plastic handles on special request only.

ELECTRONICS WORKMAN'S HANDY PACK ASSORTMENT

Six popular four-inch Copalov electronics pliers in a handy, sturdy leather pocket carrier which closes easily with heavy-duty brass snaps. Tools included are EC54RP, MS54RP, SN54RP, NN54RP, LN54RP and DN54RP. Order assortment number C-1.

Any other Copalov tool assortment will be furnished if specified. Packed one assortment per carton. Shipping weight 1 lb.



LC55-1

SHORT NOSE ANGLED END CUTTER

Has $\frac{3}{16}$ " angled cutter at end of $\frac{7}{8}$ " jaws. Cutting edges are ground flush.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55-1	5	$\frac{7}{8}$	3 oz.

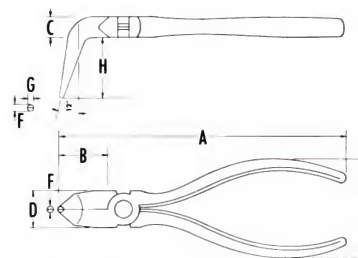
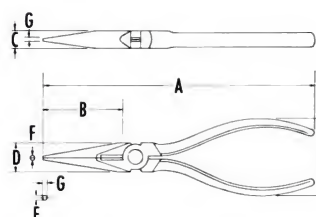
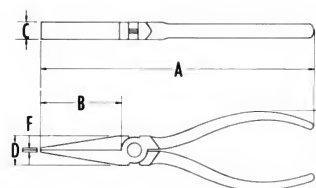
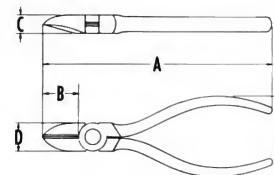
LC55-2

SPECIAL ANGLED END CUTTER

Special angled cutter for nickel ribbon wire. Has $\frac{9}{32}$ " cutter at end of $\frac{7}{8}$ " jaws. Cutting edges are ground flush.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55-2	5	$\frac{7}{8}$	3 oz.

Tool dimensions as tabulated on facing page.



COPALOV® and DIAMALLOY® ELECTRONIC PLIERS

SIZES and DIMENSIONS IN INCHES



Catalog No.	Catalog No. with Coil Spring	Nom. Size	Kind	Dimen. A Overall Length	Dimen. B Jaws, Length	Dimen. C Jaws, Thickness at Joint	Dimen. D Jaws, Width at Joint	Dimen. E Overall Width	Dimen. F Jaws, Thickness at Tips	Dimen. G Jaws, Width at Tips	Special Characteristics
CN54		4	Curved Needle Nose	4 1/2	3/4 (H)	1/4	3/16	1 7/8	3/64	3/64	Same as LN54 except nose is bent 78 degrees
CN55		5	Curved Needle Nose	5 3/4	7/16 (H)	1/4	1/2	2 1/16	1/16	1/16	Same as LN55 except nose is bent 78 degrees
CN56		6	Curved Needle Nose	6	1 1/2 (H)	3/8	11/16	2 1/16	1/8	3/32	Same as LN56 except nose is bent 36 degrees
DB58		8	Short Nose Long Reach Duck Bill	8	1 5/16	3/16	3/16	1 3/8	1/4	1/4	
DN54		4	Duck Bill	4 3/8	1 3/16	1/4	3/16	1 7/8	3/32	5/32	Flat nose with smooth jaws Scored jaws available on special order
DN56		6	Short Duck Bill	6 3/4	2 1/16	3/8	3/4	1 15/16	3/32	1 1/32	Serrated jaws
DN58		8	Long Nose Duck Bill	8	3	3/8	1 1/16	1 15/16	3/32	1 1/32	Extra long flat jaws
EC54		4	Transverse End Cutting	4 3/8	1	1/4	3/16	1 3/8	3/16	1/4	For cutting close to printed circuits Specify EC54F for flush edges
GA54		4	Angle Cutter	4 3/16	3/4	1/4	3/16	2 1/16	3/32 (H)		Flush cutting, jaws angled 29 degrees
GA54-2		4	Angle Cutter	4 3/16	3/4	1/4	3/16	2 1/16			Rounded back
GA54-4		4	Angle Cutter	4 3/16	3/4	1/4	3/16	2 1/16	3/32 (H)		Carbide blades on GA54
LC55		5	Long Nose	5 3/4	1 3/8	1/4	1/2	2 1/16	1/4	1/32	Same as LC56 except 5 inches overall
LC55-1		5	Short Nose	5 1/4	7/8	1/4	1/2	2 1/16	3/16	3/16	Angle cut
LC55-2			Short Nose	5 1/4	7/8	1/4	1/2	2 1/16	3/16	3/32	Special angle cut for nickel ribbon
LC56	LC56R	6	Special Long Nose (Straight Cut)	6 1/2	1/4	3/8	1 1/16	2 1/16			With very fine cutter on end of nose for reaching into confined areas. Cutter is 1/4 inch long 1/4 inch cutter is at a 45 degree angle
LC56-1	LC56-1R	6	Special Long Nose (Angle Cut)	6 1/2	1/4	3/8	1 1/16	2 1/16			Sub-Miniature long nose with very fine nose
L4		4	Long Nose	4	1 13/16	1/4	3/8	1 3/4	1/32	1/32	
LN54		4	Long Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	Finely serrated jaws. Also available with smooth jaws or sandblast jaws
LN54-1		4	Long Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	Round edges, smooth jaws
LN54-2		4	Long Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	1/32	1/32	Very fine point
LN55		5	Long Nose	6	1 15/16	3/32	1/2	1 7/8	5/64	3/64	Has pilot pin to insure perfect jaw alignment
LN55-1		5	Long Nose	5	1 15/16	3/32	1/2	1 7/8	5/64	3/64	Same as above with smooth jaws—beveled inside edges—approx. .050 radius
LN56	LN56R	6	Long Nose	6 3/4	1 15/16	3/8	1 1/16	2 1/16	1/8	3/32	LN56R has tips 5/64 x 3/64"
LN57		7	Long Nose	7 1/2	2 11/16	3/8	1 1/16	2 1/16	1/8	3/32	
LN57-1	LN57-1R	7	Long Nose	7 1/2	2 11/16	3/8	1 1/16	2 1/16	1/16	1/16	Has fine scoring on jaws, 50 per inch— Fine tips 5/16 x 3/64"
NN54		4	Needle Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	Also available with rounded inside edges.
NN54-1		4	Needle Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	NN54 with smooth, slightly rounded jaws
NN54-2		4	Needle Nose	4 3/8	1 3/16	1/4	3/16	1 7/8	1/32	1/32	Fine point
NN55		5	Needle Nose	6 1/8	1 7/8	1/4	1/2	2 1/16	3/32	1/16	Has pilot pin to insure perfect jaw alignment
NN55-1		5	Needle Nose	6 1/8	1 7/8	1/4	1/2	2 1/16	3/32	1/16	Round Edges, Smooth jaws
NN56	NN56R	6	Needle Nose	6 3/4	1 15/16	3/8	1 1/16	2 1/16	5/64	3/64	With long slender jaws with unusually strong gripping quality. NN56R also available with smooth jaws
NN57		7	Needle Nose	7 1/2	2 11/16	3/8	1 1/16	2 1/16	3/32	3/32	
NN58		8	Long Reach—Needle Nose	7 7/8	1 1/4	3/16	9/16	1 7/8	3/32	3/32	Similar to DB58, but fine needle point jaws
MS54		4	Diagonal Cutting	4 1/4	1/2	1/4	3/16	1 7/8			Miniature diagonal
MS54-1		4	Diagonal Cutting	3 3/8	7/32	1/4	3/16	1 7/8		3/32	Stub nose diagonal with narrow tips
MS54-2		4	Diagonal Cutting	4	1/4	1/4	3/16	1 7/8			Carbide shear for cutting transistor leads
MS54-3		4	Diagonal Cutting	4 1/4	1/2	1/4	3/16	1 7/8			Ground down on back
MS54-4		4	Diagonal Cutting	4 1/4	1 1/32	1/4	3/16	1 7/8			Miniature diagonal, flush cut carbide edges
MS54-5		4	Diagonal Cutting	4 1/4	1/2	1/4	3/16	1 7/8			Straight sides, flush ground
MS54-6		4	Diagonal Cutting	3 7/8	1/4	1/4	3/16	1 7/8			Has short nose for high leverage. Flush cutting edges
MS54-7		4	Diagonal Cutting	4 1/4	1/2	1/4	3/16	1 7/8			Has flush edges
MS54G		4	Diagonal Cutting	4 1/4	1/2	1/4	3/16	1 7/8			Has flush edges, tapered point, narrow tip
RN54		4	Round Nose	4 1/2	3/8	1/4	3/16	1 7/8	3/32	3/64	Wire loop plier
S54	S54R	4	Diagonal Cutting	4 3/16	3/8	5/16	9/16	1 7/8			
S54F	S54FR	4	Diagonal Cutting	4 3/16	5/8	5/16	9/16	1 7/8			Regular 4-inch diagonal with flush edges
	S54RG	4	Diagonal Cutting	4 3/16	5/8	5/16	9/16	1 7/8			Has flush edges, tapered point and narrow tip
S55	S55R	5	Diagonal Cutting	5 1/16	3/4	3/8	3/4	1 7/8			
S55F	S55FR	5	Diagonal Cutting	5 1/16	3/4	3/8	3/4	1 7/8			Regular 5-inch diagonal with flush edge
	S55RG	5	Diagonal Cutting	5 1/16	3/4	3/8	3/4	1 7/8			Has flush edges, tapered point and narrow tip
S56	S56R	6	Diagonal Cutting	6	1 3/16	3/8	1 1/16	2 1/16			
S56F	S56FR	6	Diagonal Cutting	6	1 3/16	3/8	1 1/16	2 1/16			Regular 6-inch diagonal with flush edges
S56S		6	Diagonal Cutting	6	9/16	3/8	1 1/16	2 1/16			Short nose for high leverage
	S56RG	6	Diagonal Cutting	6	1 3/16	3/8	1 1/16	2 1/16			Has flush edges, tapered point, narrow tip
S57	S57R	7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			
S57F	S57FR	7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			Regular 7-inch diagonal with flush edges
	S57RG	7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			Has flush edges, tapered point, narrow tip
SS57		7	Heavy Duty Diagonal	7 1/8	1 3/16	1/2	1 1/4	1 7/8			Heavy duty lap joint diagonal
SS57F		7	Heavy Duty Diagonal	7 1/8	1 3/16	1/2	1 1/4	1 7/8			Same as SS57 but has flush ground edges and bent handles
SS57SF		7	Heavy Duty Diagonal	6 3/8	1/2	1/2	1 1/4	1 7/8			Same as SS57 but has stub nose and flush ground edges
SS58		8	Heavy Duty Diagonal	8	2 5/32	1/2	1 3/16	1 7/8			Heavy duty lap joint diagonal
SS58F		8	Heavy Duty Diagonal	8	2 5/32	1/2	1 3/16	1 7/8			Same as SS58, but has flush ground edges and bent handles
SC54		4	Long Nose, Tip Cut	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	3/16 inch cutter, located 1/8 inch from end. End can be ground off to make end cutter
SC56	SC65R	6	Long Nose Anvil Cut	6	1 5/16	3/8	1 1/16	2 1/16	5/32	3/32	Flat anvil on one side of jaw. 1/4" cutter in center of other jaw 3/16" from tip
SN54		4	Long Nose, Side Cutting	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	
SN54-2		4	Long Nose, Side Cutting	4 3/8	1 3/16	1/4	3/16	1 7/8	5/64	3/64	Radius edge 1/4" from end
SN55			Long Nose, Side Cutter	6	1 15/16	9/32	1/2	1 7/8	5/64	3/64	
SN56	SN56R	6	Long Nose, Side Cutting	6 3/4	1 15/16	3/8	1 1/16	2 1/16	1/8	3/32	SN56R has tips 5/64 x 3/64"
SN57		7	Long Nose, Side Cutting	7 1/2	2 11/16	3/8	1 1/16	2 1/16	1/8	3/32	
ST55	ST55R	5	Wire Stripping	5 3/16	3/4	3/8	5/8	1 7/8			Has 3 counterbored holes for stripping 18, 20, 22 gauge wire



DIAMOND® and DIAMALLOY® HANDY TOOLS



DH16

DIAMALLOY HANDYBOY

A slip-joint plier, screw driver, wire cutter and adjustable wrench, all in one tool. Popular with sportsmen, hobbyists, handymen and for general household and automotive use. A very high quality tool, drop forged of Diamalloy steel, carefully finished and nickel chrome plated. Electronically hardened cutting edges, with handles and jaws extremely increased in strength and toughness. Individually boxed, or in holster hangers. Because of its popularity as a premium, Handyboy is available in attractive white gift box if specified.

Six Diamalloy Handyboy pliers are furnished in display carton with each tool individually boxed.

NUMBER	SIZE, INCHES	CAPACITY PLIER, INCHES	CAPACITY WRENCH, INCHES	WEIGHT PER TOOL
DH16	6½	1	½	6 oz.
DH16C six-pack Carton	6½	1	½	6 oz.

Also available in Holster Hangers if specified with letter H after stock number.



TC29, TC59

DIAMOND ALL-PURPOSE UTILITY TOOL

Drop forged from tough Diamalloy steel throughout. Available in either gun metal finish or nickel chrome. Packed six in a box.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
TC29 nickel chrome	11	1 lb. 2 oz.
TC59 gun metal	11	1 lb. 2 oz.



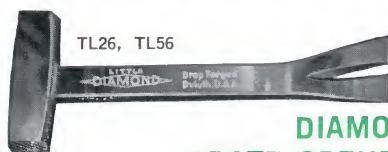
R510

DIAMALLOY FENCE TOOL

For use on metal or wood posts, with no other tools needed. Heavy lock-joint construction with oval faced jaws. Starting and pulling point is on one jaw, corrugated hammer head on the other. Good staple puller, lug lifter and wire splicer in front—wire stretcher in back of joint. Wire cutter on each side will cut double strand barbed wire. Highly polished head with gun metal handles, knurled grip. Also with nickel chrome plated finish and dipped plastic handles.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
R510 semi-pol.	10	1 lb. 7 oz.
R510P plastic handles & nickel plated	10	1 lb. 8 oz.

R510 also available in Holster Hangers if specified with letter H after stock number.



TL26, TL56

DIAMOND CRATE OPENERS

Drop forged from a solid bar of fine quality tool steel, hardened and tempered. All edges are rounded, to be easy on the hand and pocket. Furnished either with gun metal finish with polished claw or with nickel chrome plating. Packed six in a box.

STANDARD DIAMOND CRATE OPENER

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
T29 nickel chrome	9¼	15 oz.
T59 gun metal	9¼	15 oz.

LITTLE DIAMOND CRATE OPENER

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
TL26 nickel chrome	6½	9 oz.
TL56 gun metal	6½	9 oz.



HB18

DIAMALLOY BATTERY PLIERS

Especially designed to grip and turn terminal nuts on batteries, no matter how badly corroded and mutilated. Tapered nose, with knurled handles. Nickel chrome plated.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
HB18	8	1	8 oz.



KC18

HOSE CLAMP PLIERS

Especially for applying and removing spring hose clamps standard on so many new cars. The recesses in the jaws grip the ends of the spring so it cannot slip or twist. Grips with either end or side of jaw, for reaching easily into tight places. Slip ring on handle allows mechanic to remove hand from plier to adjust hose. Nickel chrome finish.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
KC16 no slip ring	6	0-1	8 oz.
KC18 with slip ring	8	0-1¾	9 oz.

KC18 also available in Holster Hangers if specified with letter H after stock number.



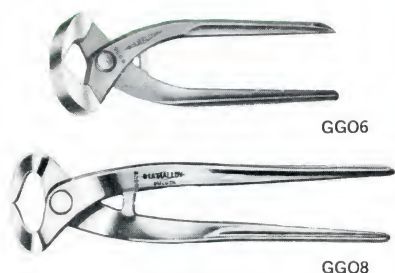
LR58

LOCK RING PLIERS

Lock rings are very easily removed with these pliers. Drop forged of Diamalloy steel. Polished head with gun metal handles. Spring opening. Offset jaw tips are finely scored on the outside to prevent slipping.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LR58	8	1½	6 oz.

DIAMALLOY® NIPPERS



DIAMALLOY CARPENTER'S PINCERS

A very high quality tool, useful in any kit. Special hardened cutting edges stand severest cutting and insure greater toughness in the rest of the tool. Drop forged of Diamalloy steel. Nickel plated with polished head.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GG06	6	$2\frac{1}{32}$	8 oz.
GG08	8	$1\frac{1}{8}$	12 oz.



GG010, GG014

DIAMALLOY HEAVY DUTY CUTTING NIPPERS

A strong, yet conveniently lightweight nipper, very practical in construction work. Has great leverage and will cut large size nails and wires. Drop forged from high quality Diamalloy steel. Handles and jaws are heat treated and tempered to great toughness. Sharp cutting edges are hardened and honed. Stops prevent cutting edges from dulling each other. Nickel plated with polished head.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GG010	10	$1\frac{1}{8}$	16 oz.
GG014	14	$1\frac{1}{8}$	2 lb. 1 oz.



GGO8T

DIAMALLOY TILE NIPPERS

Ideal for hobbyists cutting mosaic tile. Cut glass and ceramic tile very easily. The jaws of the GGO8T nipper do not come together, preventing the tile from shattering. Chrome plated with dipped plastic handles for comfortable grip.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GGO6T	6	$2\frac{1}{32}$	8 oz.
GGO8T	8	$5\frac{1}{8}$	14 oz.



G56P, G57P, G58P

DIAMALLOY END CUTTING NIPPERS

Designed with wide throat clearance and ample handle leverage with jaws at just the right angle for easiest cutting. Drop forged from tough Diamalloy steel, with handles and jaws extremely increased in strength and toughness and cutting edges electronically hardened. Polished head with gun metal handles. Also available with plastic dipped handles; specify letter P after stock number.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
G56	6	$1\frac{1}{8}$	8 oz.
G57	7	$1\frac{5}{32}$	11 oz.
G57F flush cut	7	$1\frac{5}{32}$	11 oz.
G58	8	$1\frac{1}{4}$	14 oz.
G58F flush cut	8	$1\frac{1}{4}$	14 oz.



GT28C
carbide
cutters



GT28

DIAMALLOY PROFESSIONAL TILE NIPPERS

The ideal tool for cutting all types of tile, with carbide cutters that will outlast regular tool steel many times. Popular offset jaw design. Handle stops prevent jaws from biting completely together. Chrome plated with dipped plastic handles. GT28 does not have carbide edges. GT28C has spring between handles.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GT28	8	$5\frac{1}{8}$	12 oz.
GT28C carbide cutters	8	$5\frac{1}{8}$	12 oz.

GT28C also available in Holster Hangers if specified with letter H after stock number.



DIAMALLOY[®] METAL CUTTING SNIPS



STRAIGHT CUTTING



CIRCULAR CUTTING



HEAVY DUTY

Diamalloy Metal Cutting Snips have a very smooth cutting action on all kinds of sheet metal, soft to hard, and conform to Federal Specification GGG-S-291E. They are a favorite of mechanics and a popular household tool as well. Drop forged of special analysis Diamalloy steel, completely heat treated and tempered to extreme toughness. Cutting edges are electronically hardened, leaving the rest of the tool strong and tough. Steel socket head bolt is oversize with close screw adjustment for easy setting of blades. Large lock nut adds strength to joint, lessens need for readjustment. Nickel chrome plated. All 7, 10 and 12-inch sizes have Crystal Grip plastic handles. See display page 23.

PAGE 18

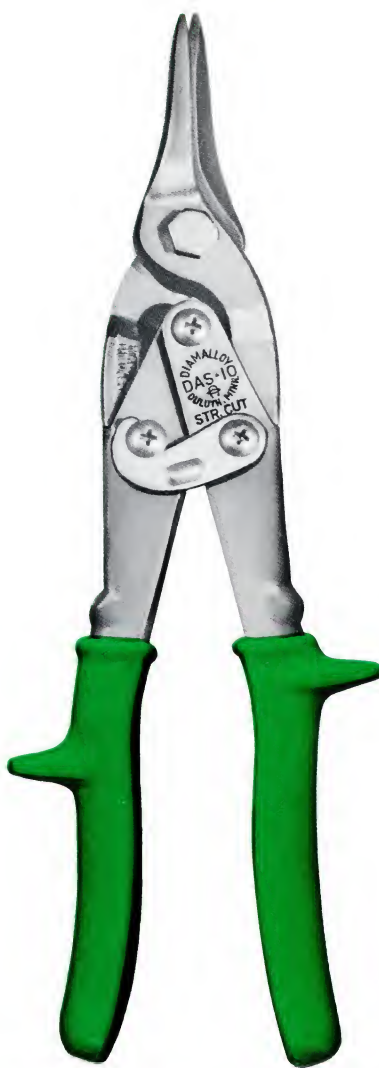
NUMBER		SIZE, INCHES	BLADE LENGTH, INCHES	WEIGHT PER TOOL	REPAIR BOLT & NUT
STRAIGHT PATTERN 7", 10" and 12" snips also available in Holster Hangers if specified.					
DS7	Crystal Grip handles	7	1¾	9 oz.	DSBN7
DS10	Crystal Grip handles	10	2¼	1 lb. 3 oz.	DSBN10
DS12	Crystal Grip handles	12¾	3	1 lb. 13 oz.	DSBN12
DS14		14¾	4	2 lb. 11 oz.	DSBN14
CIRCULAR PATTERN 7", 10" and 12" snips also available in Holster Hangers if specified.					
DC7	Crystal Grip handles	7	1¾	9 oz.	DCBN7
DC10	Crystal Grip handles	10	2¾	1 lb. 2 oz.	DCBN10
DC12	Crystal Grip handles	12¾	3	1 lb. 12 oz.	DCBN12
HEAVY DUTY SNIPS					
DSS16		16	2½	3 lb. 8 oz.	DSSBN16

DIAMOND TOOL and Horseshoe Co.

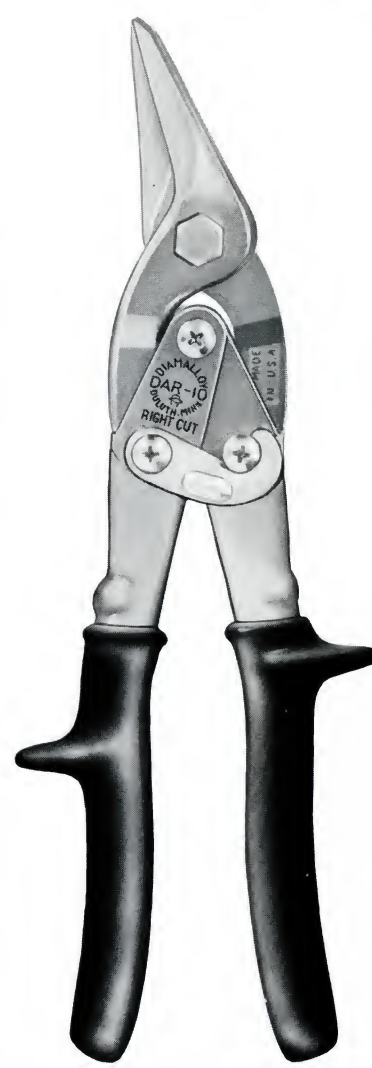
DIAMALLOY® AVIATION SNIPS



LEFT CUTTING



STRAIGHT CUTTING



RIGHT CUTTING

New compound action Diamalloy Aviation Snips conform to government specifications for cutting and strength. Handles are of precision formed steel, designed for perfect balance and lighter weight. New design achieves perfect alignment and easy cutting action on up to 18-gauge metal. Blades are forged of special analysis Diamalloy steel with cutting edges serrated to prevent slipping. Narrow body of snip allows metal to pass freely over edge of snip while cutting. Fully chrome plated, with dipped plastic handles at no extra cost. There is a small extra charge for the smooth, wear-resistant, slip-on, one-piece vinyl grips with thumb stops to prevent slipping. Specify G for slip-on grips.

DIAMOND TOOL and Horseshoe Co.

NUMBER	SIZE, INCHES	BLADE LENGTH, INCHES	CUTS	WEIGHT PER TOOL
DAS10	10	1¾	straight	13 oz.
DAR10	10	1¾	right	13 oz.
DAL10	10	1¾	left	13 oz.
DAS10G	10	1¾	straight	13 oz.
DAR10G	10	1¾	right	13 oz.
DAL10G	10	1¾	left	13 oz.

Also available in Holster Hangers if specified with letter H after stock number.

REPAIR PARTS

DABBN10 10" Blade Bolt and Nut
 DACBN10 10" Center Bolt and Nut
 DAHBN10 10" Handle Bolt and Nut
 DASSL10 10" Spring (straight & left hand)
 DASSR10 10" Spring (right hand)



GENUINE DIAMOND® and DIAMALLOY® WRENCH and PLIER REPAIR PARTS



Diamond and Diamalloy
Repair Parts
Are Interchangeable

DIAMALLOY WRENCH REPAIR PARTS SOLD INDIVIDUALLY

WRENCH SIZE, INCHES	JAW NUMBER	KNURL AND SPRING NUMBER	PIN NUMBER
4	AD74J	AD74KS	AD74P
6	AD76J	AD76KS	AD76P
8	AD78J	AD78KS	AD78P
10	AD710J	AD710KS	AD710P
12	AD712J	AD712KS	AD712P
15	AD715J	AD715KS	AD715P
18	AD718J	AD718KS	AD718P
24	AD724J	AD724KS	AD724P

DIAMOND WRENCH REPAIR PARTS SOLD INDIVIDUALLY

4	A74J	A74KS	A74P
6	A76J	A76KS	A76P
8	A78J	A78KS	A78P
10	A710J	A710KS	A710P
12	A712J	A712KS	A712P
15	A715J	A715KS	A715P
18	A718J	A718KS	A718P

COMBINATION PLIER REPAIR PARTS SOLD INDIVIDUALLY

45BN 5" Bolts and Nuts 48BN 8" Bolts and Nuts
46BN 6" Bolts and Nuts 410BN 10" Bolts and Nuts

Repair parts cabinets are made of durable sheet steel and finished in green baked enamel. Available with or without parts. Also useful as miniature filing cabinet or any small parts storage in home, office or shop.

AD712C DIAMALLOY WRENCH AND PLIER PARTS IN METAL CABINET

WRENCH SIZE, INCHES	PLIER SIZE, INCHES	JAW		KNURL		PIN		SPRING		BOLT & NUT	
		NUMBER	QUANTITY	NUMBER	QUANTITY	NUMBER	QUANTITY	NUMBER	QUANTITY	NUMBER	QUANTITY
4	5	AD74J	2	AD74K	2	AD74P	2	AD74S	2	5BN	3
6	6	AD76J	2	AD76K	3	AD76P	6	AD76S	3	6BN	4
8	8	AD78J	2	AD78K	3	AD78P	6	AD78S	3	8BN	4
10	10	AD710J	2	AD710K	3	AD710P	6	AD710S	3	10BN	2
12		AD712J	1	AD712K	3	AD712P	6	AD712S	3		

A712C DIAMOND WRENCH AND PLIER PARTS IN METAL CABINET

4	5	A74J	3	A74K	2	A74P	2	A74S	2	5BN	3
6	6	A76J	2	A76K	3	A76P	6	A76S	3	6BN	4
8	8	A78J	3	A78K	3	A78P	6	A78S	3	8BN	4
10	10	A710J	2	A710K	3	A710P	6	A710S	3	10BN	2
12		A712J	1	A712K	3	A712P	6	A712S	3		



Repair Parts
Cabinet Assortment
AD712C

COMPARATIVE CHART FEDERAL STOCK NUMBERS



Federal Specification	Federal Stock No.	Diamond
GGG-W-631b-Type I	5120-240-5330	D74
GGG-W-631b-Type I	5120-264-3795	D76
GGG-W-631b-Type I	5120-240-5328	D78
GGG-W-631b-Type I	5120-449-8083	D710
GGG-W-631b-Type I	5120-264-3796	D712
GGG-W-631b-Type I	5120-423-6728	D715
GGG-W-631b-Type I	5120-240-1414	D718
GGG-W-631b-Type I	5120-449-8084	D724
No Specification	5120-293-1551*	DB76
No Specification	5120-293-0039*	DB78
GGG-W-631b-Type I	5120-240-5330	A24
GGG-W-631b-Type I	5120-264-3795	A26
GGG-W-631b-Type I	5120-240-5328	A28
GGG-W-631b-Type I	5120-449-8083	A210
GGG-W-631b-Type I	5120-264-3796	A212
GGG-W-631b-Type III	5120-240-5336	CC712
GGG-W-631b-Type II	5120-242-3254	C79
GGG-W-631b-Type II	5120-473-6476	C711
GGG-W-631b-Type II	5120-264-3793	C715
GGG-W-631b-Type II	5120-277-9091	C718
GGG-P-471d-Type II	5120-223-7396	H16
Class 2, Style A	5120-223-7397	H18
Same	5120-240-6216*	H110
Same	5120-223-7398	H110
No Specification	—	P17
GGG-P-471d-Type II	—	K15
Class 2, Style A	—	K15
Same	5120-223-7396	K16
Same	5120-223-7397	K18
Same	5120-240-6216*	K18
Same	5120-223-7398	K110
Same	—	K35
Same	5120-223-7396	K36
Same	5120-223-7397	K38
Same	5120-240-6216*	K38
Same	5120-223-7398	K310
GGG-P-480a-Type VI	5120-537-3375	KC18
Class 2, Style 2	—	—
Type F, Style 1	5120-541-4614	—
GGG-P-471d-Type II	5120-278-0333	N15
Class 2, Style B	5120-224-1567	N16
Class 2, Style B	5120-293-3375*	N16
Class 2, Style B	5120-203-6588	N18
Class 2, Style B	—	N110
Class 2, Style C	5120-541-4614	K15SP
Class 2, Style C	—	K16SP
Class 3, Style B	5120-181-6819	M16
Class 3, Style B	5120-278-0349*	M16
GGG-P-471d-Type IV	5110-240-6209	—
Class 1, Style B	5120-340-3271*	S54
	5110-541-4079*	S54
MIL-P-21455	5110-293-3209	—
Type IV, Class 1, Style B	5110-965-0974	MS54
	5110-541-4079*	MS54
	—	EC54
Class 1, Style B	5110-224-1896*	S55
Class 1, Style B	5110-239-8253	S56
	5120-340-3274*	S56
Class 2, Style B	5110-596-7164	S56S
Type IV, Class 1, Style B	5110-222-2708	S57
	5120-340-3275*	S57
MIL-P-21455	5110-293-3210	—
Class 2	—	SS57
Type IX, Class 1, Style A	5120-239-8254	SL56
No Specification	—	SL56NE
No Specification	5120-020-8677	SL57
Type IX, Class 1, Style A	5120-239-8251	SL58

Federal Specification	Federal Stock No.	Diamond
No Specification	—	SL58NE
No Specification	—	SL59NE
Type XI, Class 1, Style A	—	SN54
Type XI, Class 1, Style A	5120-247-5177	SN56
	5120-240-6210*	SN56
Type XI, Class 1, Style A	5120-293-0032	SN57
Type XII, Class 2, Style A	5120-293-3481	NN56
	5120-540-6964*	NN56
No Specification	5120-596-1115*	NN57
Type XI, Class 2, Style B	5120-244-1533*	NN58
Type XII, Class 1	—	CN54
Type XII, Class 1	5120-239-8250	CN56
Type XI, Class 1, Style B	5120-541-4078	LN54
Type XI, Class 2, Style B	5120-293-3486	LN54
	5120-595-9527*	Short Nose
Type XI, Class 1, Style B	5120-268-3579	LN56
Type XI, Class 1, Style B	5120-247-2068	LN57
GGG-P-480a-Type III	5120-595-9551	LR58
Class 2	—	—
GGG-P-471d-Type V	5120-224-1513	DN54
Class 2, Style A	5120-188-3239	—
Type XV, Class 1	5120-256-2150	DN56
	5120-240-6213	DN56
Type V, Class 1	5120-227-7093	DN58
Type XV, Class 2	5120-595-9519	DB58
Type I	5120-248-9407	HB18
Type I	5120-248-9407	HB28
Type II, Class 1, Style B	5120-540-2464	HP15
Type II, Class 1, Style B	5120-223-7410	HP110
	5120-278-0348*	HP110
Type II, Class 1, Style B	5120-278-0352	HP210
	5120-223-7410*	HP210
	5120-595-9544	HP110S
Type II, Class 1, Style A	5120-278-0350	HL14
No Specification	—	HL16
Type II, Class 1, Style A	5120-278-0351	HL18
Type II, Class 1, Style A	5120-555-2089	HL110
	5120-278-0352	HL110
No Specification	5120-781-0819	HL112
No Specification	—	HL116
GGG-N-350-Type I	—	G56
Class 2, Style A	—	G56
Type I, Class 2, Style A	5110-541-8740	G57
	5110-221-1499	G57
Type II, Class 2	—	GG06
Type II, Class 2	5120-224-9918	GG08
Type II, Class 2	5110-595-8441	GG010
MIL-P-2000	5120-224-9919	GG014
GGG-P-471d-Type XVI	5120-293-3485	R510
GGG-O-599-Type I	5120-098-6719	T59
MIL-R-12890A	5120-268-3586	DH16
GGG-S-291c-Type II	—	DS7
Class A, Grade B	—	DS7
No Specification	5110-180-0660	DS10
	5110-293-3437	DS12
Type II, Class A, Grade B	5110-293-0089	DS12
	5110-595-7771*	DS12
No Specification	5110-180-0665	DS14
Type II, Class C	5110-221-1085	DC7
No Specification	5110-221-1087	DC10
Type II, Class C	5110-293-3439	DC12
Type II, Class A, Grade B	5110-221-1083	DSS16
	5110-637-0223*	DSS16
Type II, Class D, Design 1	5110-273-0128	DAS10
	5110-180-0654*	DAS10
Type II, Class D, Design 2	5110-273-0127	DAR10
	5110-180-0656*	DAR10
Type II, Class D, Design 3	5110-273-0126	DAL10
	5110-180-0655*	DAL10

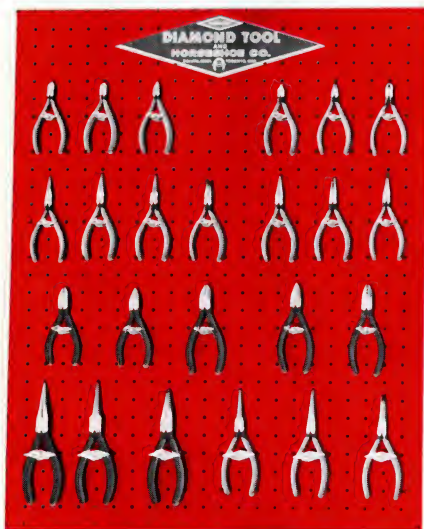
* Number not shown in Federal Stock Catalog



PANEL DISPLAYS



No. 11 Wrench Forging Display



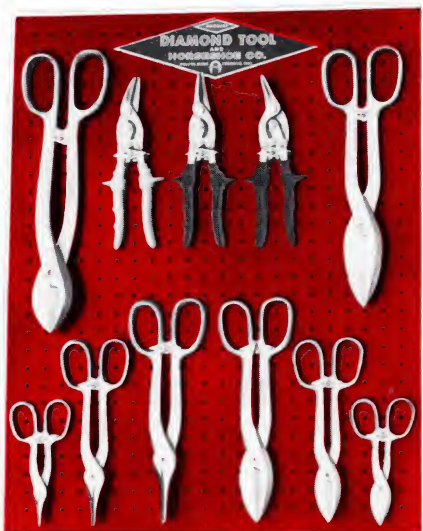
No. 22 Basic Electronics Display



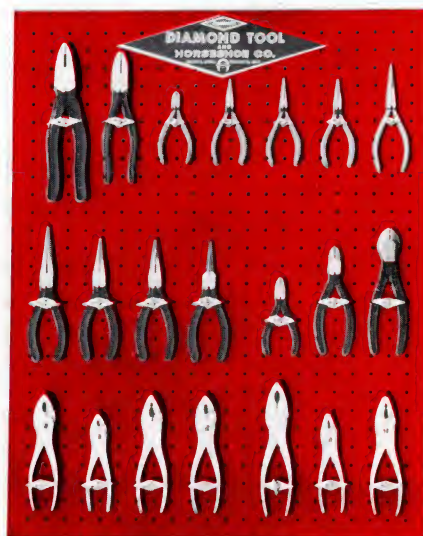
No. 66 Basic Automotive Display



No. 33 Basic Industrial Display



No. 77 Basic Tin Snips Display



No. 44 Basic Industrial Display



No. 88 Groove-Joint Plier Display

Standard store displays are bright red baked enamel Marlite® finish on Peg Board® to show off the fine chrome finish of Diamalloy Tools. Chrome trim is on all display boards. Special displays also are available. Write or ask your Diamond Salesman for particulars.

No. 11 Wrench Forging Display showing steps in forging and finishing of 8-inch Diamalloy adjustable wrench, 15" x 24". Shipping weight 10 lb.

No. 22 Basic Electronics Display with one each of GA54, MS54, MS54G, MS54-1, MS54-2, MS54-6, CN54, CN55, DN54, EC54, LC56, LN54, LN55, NN54, NN55, NN56, SN56, S54, S54G, S55, S55G, SC54, SN54, ST55. Midget pliers have Copaloy rivet. 24" x 30". Shipping weight 14 lb.

No. 33 Basic Industrial Display with one each of HL14P, HL16P, HL110P, HL112P, HL116P, D76, D78, D710, D712, D715, CW12, DAR10G, DAL10G, DAS10G, DS7, DS10. 24" x 30". Shipping weight 27 lb.

No. 44 Basic Industrial Display with one each of LN56RP, SN56RP, SN57RP, NN56RP, S54, S56RP, SS57P, H16, K15, K16, K36, N15, N16, PH18, MS54, LN54, SN54, LN55, DN54, SL57, ISL58NE. 24" x 30". Shipping weight 17 lb.

No. 55 Not Illustrated Basic Hardware Display with **THREE** each of D74, D76, D78, D710, D712, DS10, DC7, HL110, HL16, H16, K16, K18, N15, SL57, SS57, SN56, S56, GG08. 24" x 30". Shipping weight 42 lb.

No. 66 Basic Automotive Display with one each of D74, D76, D78, D710, D712, S56, S57, SS57, SN56, K35, K36, K38, K15, KC18, HB18, HP15P, LN57, NN56, LR58, H16, H18, P17, N16, N18, HL14, HL16P, HL110P, HP110, CW12A. 24" x 30". Shipping weight 28 lb.

No. 77 Basic Tin Snips Display with one each of DSS16, DS14, DAL10G, DAR10G, DAS10G, DC7, DC10, DC12, DS7, DS10, DS12. 24" x 30". Shipping weight 24 lb.

No. 88 Groove-Joint Plier Display with one each of HL14P, HL16P, HL18P, HL110P, HL112P, HL116P. 15" x 24". Shipping weight 10 lb.

No. 99 Not Illustrated Basic Refrigeration Display with one each of ISL58, ISL57, SN57P, SN56P, LN57P, LN56P, K36, KC18, S56P, S57P, SS57P, D715, D712, D710, A18P (Crystal Grip), D76, D74, HL110P, HL18P, HL16P. 24" x 30". Shipping weight 20 lb.



FREE 3 NEW SPACE SAVING DISPLAYS

Sturdy, all-metal hangers put Diamond quality tools where they are easily seen, handled and purchased. Displays occupy just 5" width on pegboard wall.

TOP GROOVE-JOINT® PLIER ASSORTMENT

Two each of 4", 6", 10" and 12" Groove-Joint® Pliers in holster hangers with *free display rack*. Order assortment No. HLP.

CENTER DIAMALLOY SNIP ASSORTMENT

One each of 7", 10" and 12" straight cut snips and 7", 10" and 12" circular cut snips in holster hangers with *free display rack*. Order assortment No. TSP.

BOTTOM CRYSTAL GRIP WRENCH ASSORTMENT

Two each of 4", 6", 8", 10" and 12" Crystal Grip adjustable wrenches with *free display rack*. Order assortment D7P.

"There is nothing finer than a DIAMOND"



Stocked by Leading Distributors

DIAMOND TOOL and *Horseshoe Co.*⁸⁹

DULUTH, MINNESOTA • TORONTO, ONTARIO



EST. 1908

SERVING YOU FROM 16 LOCATIONS...

■ Factories in Duluth, Minnesota and Toronto, Ontario.

■ Sales offices in 16 cities.

■ Prompt and personal attention to each buyer's needs.



DIAMOND TOOL and Horseshoe Co.
 "There is nothing finer than a DIAMOND"  EST. 1908

Write for Catalog H14



Reheatable and reworkable

Toe weights and mule shoes available

HOT FORGED HORSESHOES IN SIZES FOR EVERY FOOT



PLAIN
SIZES 000 TO 3



HEELED ONLY
SIZES 000 TO 4



TOED AND HEELED
SIZES 00 TO 4



SADDLE-LITE
SIZES S00 TO S2



EXTRA, EXTRA LIGHT
SIZES 0 TO 2



PONY
SIZES 0 AND 1

DIAMOND TOOL and Horseshoe Co.
 DULUTH, MINNESOTA • TORONTO, ONTARIO

DISTRIBUTED BY

Write for Catalog PS13



Official PITCHING HORSESHOES Regulation for Tournament Use

The complete Diamond line includes the finest regulation pitching shoes, official court boxes and do-it-yourself court box kits, official stakes and court box stakes, instruction booklets, score pads and percentage charts.

All sets of shoes are packaged in carrying cases with plastic handles. Diamond outfits are packed with two sets of shoes and stakes.



DIAMOND TOOL and Horseshoe Co.
 DULUTH, MINNESOTA • TORONTO, ONTARIO



DIAMOND SUPER RINGER®
 Also ask for Diamond Eagle Ringer® and Double Ringer®. Each shoe 2½ lbs.



DIAMOND JUNIOR®
 For ladies and children. Each shoe 1½ lbs.



LITTLE DIAMOND MIDGET®
 For children. Each shoe 1 lb.



CANADIAN USERS PRICE LIST 723L

SEPT. 1, 1969



FOR USE WITH CATALOG W-28

DIAMOND TOOL *and Horseshoe Co.*

580 FRONT ST. WEST

TORONTO, ONTARIO

DIAMOND TOOLS

Cat. No.	Price Each	Size Inches	Description	Wt. Ea.	Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
ADJUSTABLE WRENCHES									
A24	4.21	4	Diamond Black Alloy	2 ozs.	D74	4.93	4	Diamalloy Chrome	2 ozs.
A26	4.21	6	Diamond Black Alloy	4 ozs.	D76	4.93	6	Diamalloy Chrome	4 ozs.
A28	4.73	8	Diamond Black Alloy	8 ozs.	D78	5.56	8	Diamalloy Chrome	8 ozs.
A210	5.94	10	Diamond Black Alloy	14 ozs.	D710	6.99	10	Diamalloy Chrome	14 ozs.
A212	8.65	12	Diamond Black Alloy	1 lb. 7 ozs.	D712	10.17	12	Diamalloy Chrome	1 lb. 7 ozs.
A215	13.10	15	Diamond Black Alloy	3 lb. 3 ozs.	D715	15.39	15	Diamalloy Chrome	3 lb. 3 ozs.
A218	21.86	18	Diamond Black Alloy	5 lb. 13 ozs.	D718	25.74	18	Diamalloy Chrome	5 lb. 13 ozs.
					D724	43.34	24	Diamalloy Chrome	9 lb. 3 ozs.
					DB76	7.77	4-6	Double End 1/2"-3/4"	4 ozs.
					DB78	8.74	6-8	Double End 3/4"-1"	8 ozs.
					DB710	10.82	8-10	Double End 1"-1 1/8"	16 ozs.
					DB712	14.76	10-12	Double End 1 1/8"-1 5/16"	27 ozs.
					WITH CRYSTAL GRIP (DIAMALLOY)				
C79	3.79	9	Auto	15 ozs.	D74P	5.38	4	W/Crystal Grip	2 ozs.
C711	4.39	11	Auto	1 lb. 8 ozs.	D76P	5.38	6	W/Crystal Grip	4 ozs.
C715	8.47	15	Auto	3 lb. 3 ozs.	D78P	6.03	8	W/Crystal Grip	8 ozs.
C718	12.86	18	Auto	6 lb. 2 ozs.	D710P	7.59	10	W/Crystal Grip	14 ozs.
					D712P	10.91	12	W/Crystal Grip	1 lb. 7 ozs.
					D7P	70.56		Crystal Grip Display Rack Asst.	7 lb.
					DIAMALLOY SPECIAL WRENCHES				
CC712	5.76	12	Monkey	2 lb.	S-6	5.38	6	Special (Refrigeration)	4 ozs.
					S-8	6.03	8	Special (Refrigeration)	8 ozs.
					S-10	7.59	10	Special (Refrigeration)	14 ozs.
					S-12	10.91	12	Special (Refrigeration)	1 lb. 7 ozs.
CW12A	8.31	12	Chain Wrench, Single Action	1 lb. 8 ozs.	RS5	77.95		Diamalloy Special Wrench Display Rack (Refrigeration)	8 lb.
CW12	8.62	12	Chain Wrench, Double Action	1 lb. 12 ozs.					
CW12C	4.23	12	Repair Chain						
CW15	13.01	15	Chain Wrench Double Action	2 lb. 8 ozs.					
CW15C	5.00	15	Repair Chain						
CW24	19.20	24	Chain Wrench	3 lb. 3 ozs.					
CW24C	5.76	24	Repair Chain						
					RATCHET WRENCH				
					RS1	9.07	6	Ratchet (Refrigeration)	6 ozs.

* not illustrated in catalog

Cat. No.	Price Each	Size Inches	Description
WRENCH REPAIR PARTS			
			
A74J	.69	4	Diamond Jaw
A76J	.72	6	Diamond Jaw
A78J	.85	8	Diamond Jaw
A710J	1.12	10	Diamond Jaw
A712J	1.64	12	Diamond Jaw
A712C	31.38		Parts Assort. with cabinet

AD74J	.78	4	Diamalloy Jaw
AD76J	.85	6	Diamalloy Jaw
AD78J	1.05	8	Diamalloy Jaw
AD710J	1.39	10	Diamalloy Jaw
AD712J	1.99	12	Diamalloy Jaw
AD715J	3.02	15	Diamalloy Jaw
AD718J	3.65	18	Diamalloy Jaw
AD724J	5.60	24	Diamalloy Jaw
AD74KS	.43	4	Knurl & Spring
AD76KS	.43	6	Knurl & Spring
AD78KS	.52	8	Knurl & Spring
AD710KS	.54	10	Knurl & Spring
AD712KS	.78	12	Knurl & Spring
AD715KS	1.01	15	Knurl & Spring
AD718KS	1.19	18	Knurl & Spring
AD724KS	1.66	24	Knurl & Spring
AD74P	.11	4	Pin
AD76P	.11	6	Pin
AD78P	.11	8	Pin
AD710P	.11	10	Pin
AD712P	.25	12	Pin
AD715P	.25	15	Pin
AD718P	.27	18	Pin
AD724P	.34	24	Pin

AD712C	31.61		Diam. Parts Asst. with Cabinet
712C	7.57		Cabinet only

C79J	1.05	9	Auto Jaw
C711J	1.39	11	Auto Jaw
C715J	2.08	15	Auto Jaw
C718J	2.96	18	Auto Jaw

C79K	.31	9	Auto Knurl and Spring
C711K	.52	11	Auto Knurl and Spring
C715K	.78	15	Auto Knurl and Spring
C718K	1.30	18	Auto Knurl and Spring

C79P	.11	9	Auto Pin
C711P	.20	11	Auto Pin
C715P	.20	15	Auto Pin
C718P	.20	18	Auto Pin

CC712J	1.57	12	Monkey Jaw
CC712K	.54	12	Monkey Knurl & Spring
CC712P	.25	12	Monkey Pin


PLIERS—ELECTRONIC & SOLID JOINT

Applies to Electronic Pliers only:
Special Feature available on tools as indicated and priced. Springs & plastic handles optional.

"R" Coil Spring in Handle \$.45
 "P" Cushion Grip on solid joint pliers \$.31

NOTE: Bonded plastic dipped handles are available on pliers indicated by letter "P" in this sheet and catalog only. ALL pliers with bonded handles do not show the letter "P" STAMPED on the tool.

Rounded inside edges for
 Long Nose Pliers, add \$.60
 Special fine point on all Long Nose Pliers,
 add \$.45
 For perfectly flush edges add \$2.26
 Nickel-Chrome plated pliers 15% additional for plating
 over standard finish.
 Full Polish-Nickel chrome plated pliers 25% additional
 over standard finish.

Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
COPALOID ELECTRONIC PLIERS with New Copaloid Rivets				
				

All Copaloid pliers are furnished with plastic handles and recoil springs as standard.

They can be furnished less spring and plastic handles on special request.

CN54	6.20	4	Curved Needle Nose	2 ozs.
CN55	6.65	5	Curved Needle Nose	3 ozs.

DN54	5.60	4	Duck Bill	2 ozs.
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EC54	6.50	4	Transverse End Cutter	2 ozs.
EC54F	6.97	4	Transverse End Cutter	2 ozs.

GA54	10.28	4	Angle End Cutter	2 ozs.
GA54-2	13.31	4	Rounded Back	2 ozs.
GA54-4	30.40	4	Angle End Cut. Carbide Blade	2 ozs.

LC55	9.68	5	Long Nose — Modified as LC56RP	3 ozs.
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LC55-1	11.20	5	Shorter Nose than LC55	3 ozs.
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LC55-2	18.14	5	Spec. Ang. Cut for Nickel Ribbon	3 ozs.
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L4	5.60	4	Sub Miniature Long Nose	2 ozs.
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L4-1	6.20	4	Same As L-4 With Rounded edges, Smooth Jaws	2 ozs.
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LN54	5.60	4	Long Nose	2 ozs.
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LN54-1	6.20	4	Round Edges, Smooth Jaws	2 ozs.
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LN54-2	6.05	4	Fine Point	2 ozs.
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LN55	6.36	5	Long Nose	3 ozs.
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LN55-1	6.97	5	Long Nose, Smooth Jaw Rounded Edges	3 ozs.
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MS54	6.05	4	Diagonal Cutter	2 ozs.
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MS54-1	9.07	4	Diagonal Cutter	2 ozs.
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MS54-2	14.52	4	Carbide Shear	2 ozs.
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MS54-3	7.57	4	Diag. Cut. Ground Down on Back	2 ozs.
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MS54-4	27.22	4	Diagonal Carbide Flush	2 ozs.
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MS54-5	7.57	4	Diag. Old Style — Straight Sides	2 ozs.
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MS54-6	7.57	4	Diag. — Short Nose Flush Cut	2 ozs.
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MS54-7	6.05	4	Diagonal — Flush Ground	2 ozs.
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MS54G	7.10	4	Diag. — Flush Grd — Tapered Sides	2 ozs.
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NN54	6.36	4	Needle Nose	2 ozs.
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NN54-1	6.97	4	Needle Nose, Smooth, Slightly Rounded Jaws	2 ozs.
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NN54-2	6.81	4	Fine Point	2 ozs.
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NN55	6.81	5	Needle Nose	3 ozs.
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NN55-1	7.41	5	Smooth Jaws, Rounded Edges	3 ozs.
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RN54	5.76	4	Round Nose — Wire Loop Plier	2 ozs.
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SC54	6.36	4	Long Nose Tip Cut	2 ozs.
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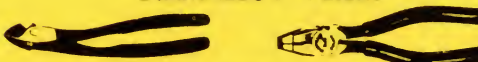
SN54	6.20	4	Long Nose Side Cut	2 ozs.
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SN54-2	11.49	4	Radius Edge	2 ozs.
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SN55	6.20	5	Long Nose Side Cut	3 ozs.
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C-1	40.54		Kit with one each EC54, SN54, MS54, NN54, LN54, DN54	
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DIAMALLOY PLIERS



Indicate "P" for Plastic and "R" for Springs on the following pliers

CN56	6.20	6	Curved Ndl. Nose	6 ozs.
CN56P	6.50	6	Curved Ndl. Nose	6 ozs.

DB58	5.60	8	Short Nose Duck Bill	6 ozs.
DB58P	5.89	8	Short Nose Duck Bill	6 ozs.

DN56	5.15	6	Duck Bill	5 ozs.
DN56P	5.44	6	Duck Bill	5 ozs.

DN58	5.60	8	Long Duck Bill	7 ozs.
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DN58P	5.89	8	Long Duck Bill	7 ozs.
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LC56	7.86	6	Long Nose Strt. Cut	6 ozs.
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LC56P	8.18	6	Long Nose Strt. Cut	6 ozs.
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LC56R	8.31	6	Long Nose Strt. Cut	6 ozs.
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LC56RP	8.62	6	Long Nose Strt. Cut	6 ozs.
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LC56-1	7.86	6	Long Nose Angle Cut	6 ozs.
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LC56-1P	8.18	6	Long Nose Angle Cut	6 ozs.
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LC56-1R	8.31	6	Long Nose Angle Cut	6 ozs.
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LC56-1RP	8.62	6	Long Nose Angle Cut	6 ozs.
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Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
LN56	4.84	6	Long Nose	6 ozs.
LN56P	5.15	6	Long Nose	6 ozs.
LN56R	5.29	6	Long Nose	6 ozs.
LN56RP	5.60	6	Long Nose	6 ozs.
LN57	5.29	7	Long Nose	7 ozs.
LN57P	5.60	7	Long Nose	7 ozs.
LN57R	5.76	7	Long Nose	7 ozs.
LN57RP	6.05	7	Long Nose	7 ozs.
LN57-1	6.50	7	Long Nose, Fine Scoring, Fine Tips	7 ozs.
LN57-1P	6.81	7	Long Nose, Fine Scoring, Fine Tips	7 ozs.
LN57-1R	6.97	7	Long Nose, Fine Scoring, Fine Tips	7 ozs.
LN57-1RP	7.26	7	Long Nose, Fine Scoring, Fine Tips	7 ozs.
NN56	5.44	6	Needle Nose	5 ozs.
NN56P	5.76	6	Needle Nose	5 ozs.
NN56R	5.89	6	Needle Nose	5 ozs.
NN56RP	6.20	6	Needle Nose	5 ozs.
NN57	5.89	7	Needle Nose	6 ozs.
NN57P	6.20	7	Needle Nose	6 ozs.
NN58	5.44	8	Long Reach Short Nose	6 ozs.
NN58P	5.76	8	Long Reach Short Nose	6 ozs.
S54	5.15	4	Diagonal Cutter	3 ozs.
S54P	5.44	4	Diagonal Cutter	3 ozs.
S54R	5.60	4	Diagonal Cutter	3 ozs.
S54RP	5.89	4	Diagonal Cutter	3 ozs.
S54-5RP	7.41	4	Diag. Cut. — Old Style Strt. Sides	3 ozs.
S54FRP	6.65	4	Diag. Flush Cut	3 ozs.
S54RG	7.10	4	Diag. Flush Cut	3 ozs.
S54RGP	7.41	4	Diag. Flush Cut	3 ozs.
S55	5.44	5	Diagonal Cutter	4 ozs.
S55P	5.76	5	Diagonal Cutter	4 ozs.
S55FRP	6.97	5	Diag. Flush Cut	4 ozs.
S55R	5.89	5	Diagonal Cutter	4 ozs.
S55RP	6.20	5	Diagonal Cutter	4 ozs.
S55RG	7.41	5	Diag. Flush Cut	4 ozs.
S55RGP	7.71	5	Diag. Flush Cut	4 ozs.
S55-3RP	9.23	5	Ground Down on Back Side	4 ozs.
S55-5RP	7.71	5	Diag. Cut. — Old Style Strt. Sides	4 ozs.
S56	6.05	6	Diagonal Cutter	6 ozs.
S56P	6.36	6	Diagonal Cutter	6 ozs.
S56FRP	7.57	6	Diag. Flush Cut	6 ozs.
S56R	6.50	6	Diagonal Cutter	6 ozs.
S56RP	6.81	6	Diagonal Cutter	6 ozs.
S56RG	8.02	6	Diag. Flush Cut	6 ozs.
S56RGP	8.31	6	Diag. Flush Cut	6 ozs.
S56S	6.81	6	Diag. Cut. Short Nose	6 ozs.
S56-3RP	9.83	6	Ground Down on Back Side	6 ozs.
S57	6.65	7	Diagonal Cutter	7 ozs.
S57P	6.97	7	Diagonal Cutter	7 ozs.
S57FRP	8.18	7	Diag. Flush Cut	7 ozs.
S57R	7.10	7	Diagonal Cutter	7 ozs.
S57RP	7.41	7	Diagonal Cutter	7 ozs.
S57RG	8.62	7	Diag. Flush Cut	7 ozs.
S57RGP	8.92	7	Diag. Flush Cut	7 ozs.
S57-3RP	10.44	7	Ground Down on Back Side	7 ozs.
SBN56	7.26	6	Long Side-Cut Bead	6 ozs.
SC56P	6.97	6	Anvil Cut	6 ozs.
SC56RP	7.41	6	Anvil Cut	6 ozs.
SL56	6.36	6	Lineman	7 ozs.
SL56NE	6.36	6	Lineman — New England Type	7 ozs.
ISL56	7.32	6	Lineman-Ins. Hdls.	9 ozs.
ISL56NE	7.32	6	Lineman-Ins. Hdls.	9 ozs.
E56	.96	6	Ins. Sleeves (Pair)	
SL57	6.81	7	Lineman	10 ozs.
ISL57	7.86	7	Lineman-Ins. Hdls.	11 ozs.
E57	1.05	7	Ins. Sleeves (Pair)	
SL58	8.31	8	Lineman	15 ozs.
SL58NE	8.31	8	Lineman—New England Type	15 ozs.
ISL58	9.48	8	Lineman-Ins. Hdls. 1 lb.	1 ozs.
ISL58NE	9.48	8	Lineman-Ins. Hdls. 1 lb.	1 ozs.
E58	1.14	8	Ins. Sleeves (Pair)	
SL59NE	10.28	9	Lineman	1 lb. 1 ozs.
ISL59NE	11.42	9	Lineman-Ins. Hdls. 1 lb.	3 ozs.
E59	1.14	9	Ins. Sleeves (Pair)	
SN56	6.05	6	Long Side Cut.	6 ozs.
SN56P	6.36	6	Long Side Cut.	6 ozs.
SN56R	6.50	6	Long Side Cut.	6 ozs.
SN56RP	6.81	6	Long Side Cut.	6 ozs.
SN57	6.50	7	Long Side Cut.	7 ozs.
SN57P	6.81	7	Long Side Cut.	7 ozs.
SN57RP	7.26	7	Long Side Cut.	7 ozs.
SS57	6.05	7	Heavy Duty Diagonal	8 ozs.
ISS57	7.10	7	Heavy Duty Diag. Ins. Hdls	9 ozs.

Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
SS57P	6.36	7	Heavy Duty Diagonal	8 ozs.
SS57F	7.10	7	Heavy Duty Diagonal Flush Cut.	8 ozs.
SS57SF	7.86	7	Heavy Duty Diagonal Flush Cut.	8 ozs.
SS58	6.36	8	Heavy Duty Diagonal	9 ozs.
SS58F	7.41	8	Heavy Duty Diagonal Flush Cut	9 ozs.
SS58FP	7.86	8	Heavy Duty Diagonal Flush Cut	9 ozs.
SS58P	6.81	8	Heavy Duty Diagonal	9 ozs.
ST55RP	10.12	5	Diagonal Stripper 3 hole	4 ozs.

PLIERS — SLIP JOINT



H16	3.34	6	Regular Nose with Cutter	8 ozs.
H18	3.79	8	Regular Nose with Cutter	9 ozs.
H110	5.00	10	Regular Nose with Cutter	15 ozs.
K15	2.42	5	Reg. Nose	4 ozs.
K16	2.58	6	Reg. Nose	8 ozs.
K18	3.18	8	Reg. Nose	9 ozs.
K110	4.23	10	Reg. Nose	15 ozs.
K25	2.26	5	Reg. Nose	4 ozs.
K26	2.42	6	Reg. Nose	8 ozs.
K28	3.02	8	Reg. Nose	9 ozs.
K210	3.94	10	Reg. Nose	15 ozs.
K35	1.52	5	Reg. Nose	4 ozs.
K35	1.46	5	Reg. Nose (gross lots)	4 ozs.
K36	1.52	6	Reg. Nose	8 ozs.
K36	1.46	6	Reg. Nose (gross lots)	8 ozs.
K38	1.93	8	Reg. Nose	9 ozs.
K38	1.81	8	Reg. Nose (gross lots)	9 ozs.
K310	2.73	10	Reg. Nose	15 ozs.
KC16	3.94	6	Auto Hose Clamp	8 ozs.
KC16P	4.23	6	Auto Hose Clamp	8 ozs.
KC18	4.55	8	Auto Hose Clamp	9 ozs.
M16	3.18	6	Thin Bent Nose	8 ozs.
M26	2.87	6	Thin Bent Nose	8 ozs.
N15	2.58	5	Thin Strt. Nose	4 ozs.
N16	2.73	6	Thin Strt. Nose	7 ozs.
N18	3.34	8	Thin Strt. Nose	10 ozs.
N110	4.55	10	Thin Strt. Nose	17 ozs.
N25	2.42	5	Thin Strt. Nose	4 ozs.
N26	2.58	6	Thin Strt. Nose	7 ozs.
N28	3.18	8	Thin Strt. Nose	10 ozs.
N210	4.08	10	Thin Strt. Nose	17 ozs.
P17	4.08	7	Slip Joint-Side Cut.	8 ozs.
P27	3.79	7	Slip Joint-Side Cut.	8 ozs.
PH18	5.29	8	Slip Joint-Side Cut.	9 ozs.

PLIER — REPAIR PARTS

45BN	.18	5	Slip Jt.-Bolt & Nut	
46BN	.18	6	Slip Jt.-Bolt & Nut	
48BN	.18	8	Slip Jt.-Bolt & Nut	
410BN	.18	10	Slip Jt.-Bolt & Nut	
46HBN	.18	6	Slip Jt.-Bolt & Nut, H Line	
48HBN	.18	8	Slip Jt.-Bolt & Nut, H Line	
410HBN	.18	10	Slip Jt.-Bolt & Nut, H Line	


PLIERS — GROOVE-JOINT



HL14	4.08	4	Groove-Joint	2 ozs.
HL14P	4.39	4	Groove-Joint	2 ozs.
HL16	4.23	6	Groove-Joint	5 ozs.
HL16P	4.55	6	Groove-Joint	5 ozs.
HL18	4.68	8	Groove-Joint	8 ozs.
HL18P	5.00	8	Groove-Joint	9 ozs.
HL110	5.60	10	Groove-Joint	12 ozs.
HL110P	6.05	10	Groove-Joint	13 ozs.
HL112	6.20	12	Groove-Joint	1 lb. 7 ozs.
HL112P	6.81	12	Groove-Joint	1 lb. 8 ozs.
HL112S	6.20	12	Groove-Joint	
HL112SP	6.81	12	Smooth Jaw Groove-Joint	1 lb. 7 ozs.
HL116	8.02	16	Groove-Joint	1 lb. 8 ozs.
HL116P	8.92	16	Groove-Joint	2 lb. 7 ozs.
HL120	11.80	20	Groove-Joint	3 lb. 11 ozs.
HL120P	13.01	20	Groove-Joint	3 lb. 13 ozs.

PLIERS — GROOVE-JOINT REPAIR PARTS

14GBN	.18	4	Groove-Jt. Bolt & Nut	
16GBN	.18	6	Groove-Jt. Bolt & Nut	
18GBN	.18	8	Groove-Jt. Bolt & Nut	
110GBN	.18	10	Groove-Jt. Bolt & Nut	
112GBN	.18	12	Groove-Jt. Bolt & Nut	
116GBN	.34	16	Groove-Jt. Bolt & Nut	
120GBN	.34	20	Groove-Jt. Bolt & Nut	

Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
PLIERS—BATTERY, UTILITY & MISC.				
				
DH16	7.41	6	Handyboy	6 ozs.
DH16C	44.46	6	Handyboy 6-Pack Counter Display	2 lb. 2 ozs.
HB18	3.02	8	Battery	8 ozs.
HB28	2.73	8	Battery	8 ozs.
HP15	2.26	5	Ignition	2 ozs.
HP15P	2.58	5	Ignition	2 ozs.
HP15PC	15.48	5	Ignition 6-Pack Counter Display	14 ozs.
HP17	2.73	7	Utility	6 ozs.
HP17P	3.02	7	Utility	6 ozs.
HP110	3.18	10	Pump & Utility	11 ozs.
HP110P	3.63	10	Pump & Utility	11 ozs.
HP210	2.87	10	Pump & Utility	11 ozs.
LR58	5.44	8	Lock Ring	6 ozs.
R510	6.50	10	Fence and Utility Tool	1 lb. 7 ozs.
R510	7.41	10	Bulk Pack (72)	1 lb. 7 ozs.
R510P	6.36	10	Fence and Utility Tool, Plastic Hdl., Nickel Plated	1 lb. 8 ozs.
15BN	.18	5	Ignition Bolt & Nut	
17BN	.18	7	Utility Bolt & Nut	
18BN	.18	8	Battery Bolt & Nut	
110BN	.18	10	Pump & Util. Bolt & Nut	

NIPPERS



G56	6.05	6	End Cutter	8 ozs.
G56F	6.81	6	End Cutter	8 ozs.
G57	6.65	7	End Cutter	11 ozs.
G57F	7.41	7	End Cutter	11 ozs.
G58	7.86	8	End Cutter	14 ozs.
G58F	8.31	8	End Cutter	14 ozs.
GG06	3.79	6	Carpenter	8 ozs.
GG08	4.55	8	Carpenter	12 ozs.
GG06T	3.79	6	Mosaic Tile	8 ozs.
GG08T	4.39	8	Mosaic Tile	14 ozs.
GG010	5.29	10	Heavy Duty	16 ozs.
GG014	6.65	14	Heavy Duty	2 lb. 1 ozs.
GT28	5.29	8	Pro. Tile	12 ozs.
GT28C	11.33	8	Pro. Tile-Carbide	12 ozs.

SNIPS—AVIATION



DAL10	6.97	10	Aviation, Left Cut	13 ozs.
DAR10	6.97	10	Aviation, Right Cut	13 ozs.
DAS10	6.97	10	Aviation, Straight Cut	13 ozs.
DAL10G	7.41	10	Aviation, Left Cut	13 ozs.
DAR10G	7.41	10	Aviation, Right Cut	13 ozs.
DAS10G	7.41	10	Aviation, Straight Cut	13 ozs.

REPAIR PARTS

DABBN10	.25	10	Blade Bolt & Nut	
DACBN10	.25	10	Center Bolt & Nut	
DAHBN10	.25	10	Handle Bolt & Nut	
DASSL10	.25	10	Spring—Straight and Left Hand	
DASSR10	.25	10	Spring—Right Hand	
DASG10	.45	10	Plastic Grips	
DARG10	.45	10	Plastic Grips	
DALG10	.45	10	Plastic Grips	


SNIPS—CIRCULAR



DC7	4.68	7	Circular Cut	9 ozs.
DC10	6.05	10	Circular Cut	1 lb. 2 ozs.
DC12	7.86	12	Circular Cut	1 lb. 12 ozs.

REPAIR PARTS

DCBN7	.25	7	Bolt & Nut	
DCBN10	.25	10	Bolt & Nut	
DCBN12	.25	12	Bolt & Nut	

Cat. No.	Price Each	Size Inches	Description	Wt. Ea.
SNIPS—STRAIGHT				
				
DS7	4.68	7	Straight Cut	9 ozs.
DS10	5.89	10	Straight Cut	1 lb. 3 ozs.
DS12	7.41	12	Straight Cut	1 lb. 13 ozs.
DS14	9.68	14	Straight Cut	2 lb. 11 ozs.

REPAIR PARTS

DSBN7	.25	7	Bolt & Nut	
DSBN10	.25	10	Bolt & Nut	
DSBN12	.25	12	Bolt & Nut	
DSBN14	.25	14	Bolt & Nut	

SNIPS—HEAVY DUTY



+ DSS16	12.86	.16	Heavy Duty	3 lb. 8 ozs.
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HEAVY DUTY—REPAIR PARTS

+ DSSBN16	.25	.16	Bolt & Nut	
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CRATE OPENERS



T29	3.47	9	Crate Opener	15 ozs.
T59	2.41	9	Crate Opener	15 ozs.
TC29	3.18	9	Utility Tool	1 lb. 2 ozs.
TC59	2.58	9	Utility Tool	1 lb. 2 ozs.
TL26	3.02	6	Crate Opener	9 ozs.
TL56	2.26	6	Crate Opener	9 ozs.

PLASTIC CUTTING PLIERS



M56RP	8.78	6	Heavy Duty Cutter	6 ozs.
M56CRP	34.03	6	Heavy Duty Cutter Carb. Blade	6 ozs.
M57RP	9.99	7	Heavy Duty Cutter	7 ozs.
M57CRP	36.00	7	Heavy Duty Cutter Carb. Blade	7 ozs.
S54RGP	7.41	4	Diag. Flush Cut	3 ozs.
MS54G	7.10	4	Diag. Flush Grd.—Tpd. Sides	2 ozs.
S55RGP	7.71	5	Diag. Flush Cut	4 ozs.
S56RGP	8.31	6	Diag. Flush Cut	6 ozs.
S57RGP	8.92	7	Diag. Flush Cut	7 ozs.
S57FP	7.41	7	Hvy. Duty Diag. Flush Cut	8 ozs.
G56F	6.81	6	End Cutter	8 ozs.
G57F	7.41	7	End Cutter	11 ozs.
EC54F	6.97	4	Transverse End Cut.	2 ozs.
GA54	10.28	4	Angle End Cutter	2 ozs.
GA54-4	30.40	4	Angle End Cutter — Carb. Blade	2 ozs.

TOOL DISPLAY BOARDS

No. 11	20.25	Wrench Forging Display	10 lb.
No. 22	176.22	Basic Electronics Display	14 lb.
No. 33	115.18	Basic Industrial Display	27 lb.
No. 44	111.48	Basic Industrial Display	17 lb.
No. 55	282.44	Basic Hardware Display	42 lb.
No. 66	134.51	Basic Automotive Display	28 lb.
No. 77	81.36	Tin Snips Display	24 lb.
No. 88	35.71	Groove-Joint Pliers Display	10 lb.
No. 99	131.04	Basic Refrigeration Display	20 lb.

DISPLAY RACKS

D7P	70.56	Crystal Grip Wrench Assortment	7 lb.
HLP	43.60	Groove Jt. Plier Assortment	8 lb.
TSP	36.58	Tin Snip Assortment	8 lb.
RS5	77.95	Special Wrench and Ratchet Display Rack (Refrigeration)	8 lb.

* not illustrated in catalog